Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080521AL\
Data File : FC055035.D
Signal(s) : FID1A.CH
Acq On : 05 Aug 2021 22:08
Operator : AJ\MA
Sample : M3291-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MS

Manual Integrations APPROVED
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8/6/2021 3:10:18 PM

Integration File: autoint1.e
Quant Time: Aug 05 22:52:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
Quant Title : GC Extractables
QLast Update : Wed Aug 04 02:08:31 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.308	4858968	38.594 ug/ml
Spiked Amount	50.000		Recovery =	77.19%
12) S	1-chlorooctadecane (S...	12.748	4017892	40.541 ug/ml
Spiked Amount	50.000		Recovery =	81.08%
	Target Compounds			
1) T	n-Nonane (C9)	3.145	3828341	36.612 ug/ml
2) T	n-Decane (C10)	4.194	4572141	43.417 ug/ml
3) T	A~Naphthalene (C11.7)	5.754	5139446	47.299 ug/ml
4) T	n-Dodecane (C12)	6.193	5185218	47.750 ug/ml
5) T	A~2-methylnaphthalene...	6.805	5302494	48.584 ug/ml
6) T	n-Tetradecane (C14)	7.980	5548695	49.703 ug/ml
7) T	n-Hexadecane (C16)	9.570	6000245	52.609 ug/ml
8) T	n-Octadecane (C18)	11.006	6428911	54.518 ug/ml
10) T	n-Eicosane (C20)	12.310	6243255	53.178 ug/ml
11) T	n-Heneicosane (C21)	12.919	6216512	52.648 ug/ml
13) T	n-Docosane (C22)	13.503	6069940	51.970 ug/ml
14) T	n-Tetracosane (C24)	14.602	6201806	53.580 ug/mlm
15) T	n-Hexacosane (C26)	15.620	5632868	50.261 ug/ml
16) T	n-Octacosane (C28)	16.564	5593215	51.516 ug/ml
17) T	n-Tricontane (C30)	17.451	5127673	49.111 ug/ml
18) T	n-Dotriacontane (C32)	18.280	4927918	49.760 ug/ml
19) T	n-Tetratriacontane (C34)	19.061	4662915	49.198 ug/ml
20) T	n-Hexatriacontane (C36)	19.798	4476913	49.543 ug/ml
21) T	n-Octatriacontane (C38)	20.501	4340712	50.237 ug/mlm
22) T	n-Tetracontane (C40)	21.309	4439390	49.850 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

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Acq On : 05 Aug 2021 22:08
Operator : AJ\MA
Sample : M3291-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
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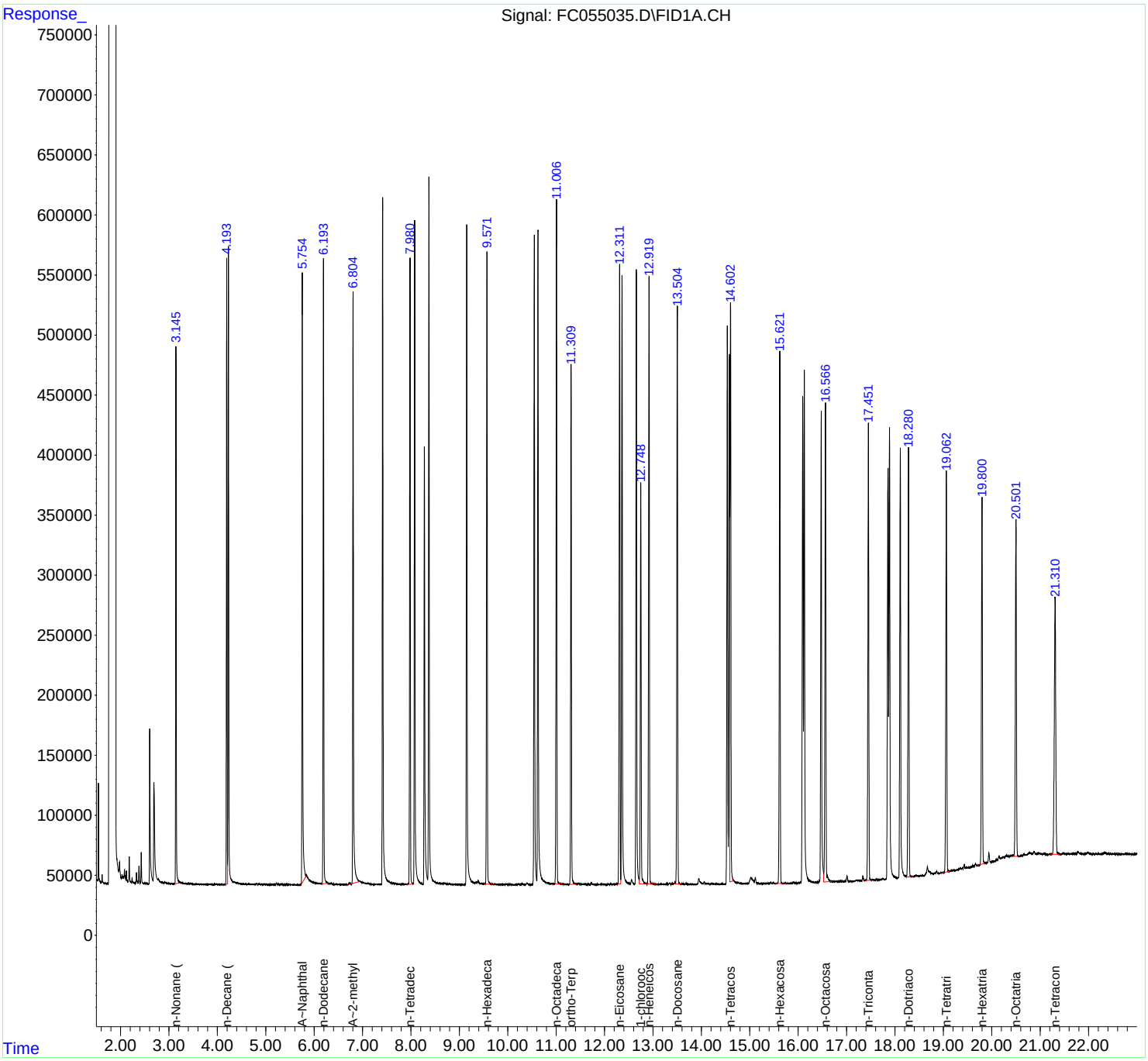
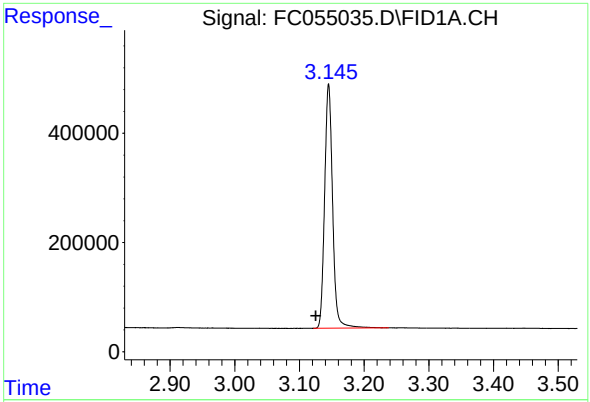
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 3828341
Conc: 36.61 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MS

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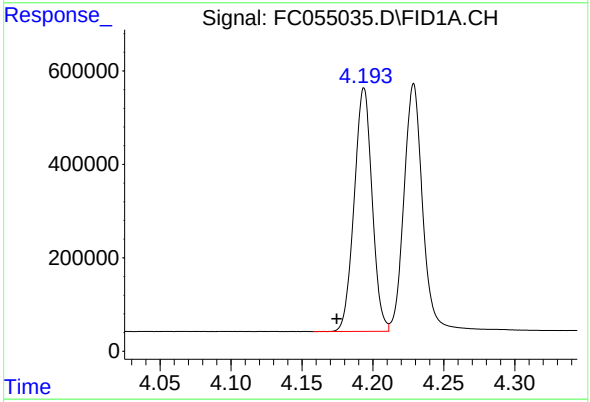
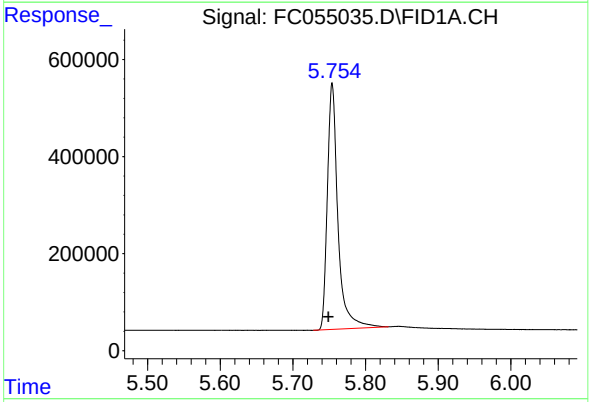


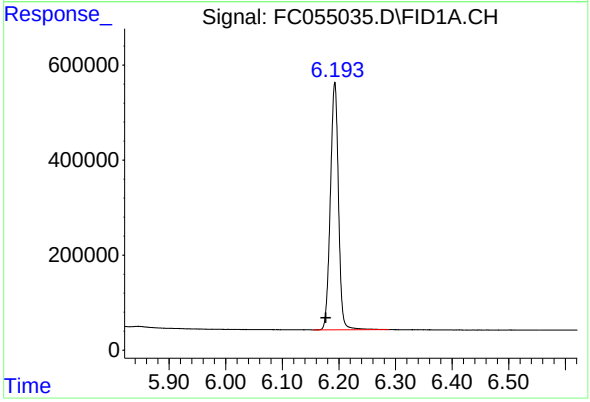
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 4572141
Conc: 43.42 ug/ml



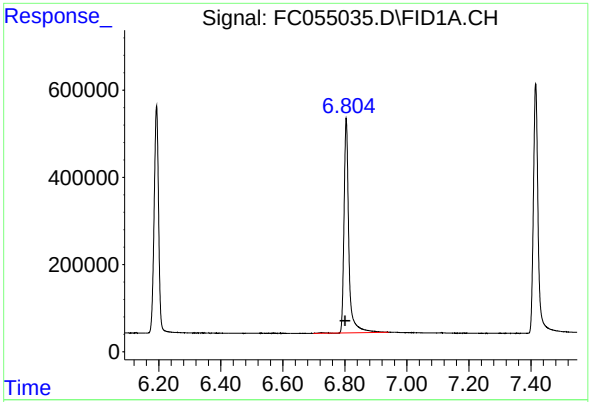
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 5139446
Conc: 47.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 5185218
Conc: 47.75 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 5302494
Conc: 48.58 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MS

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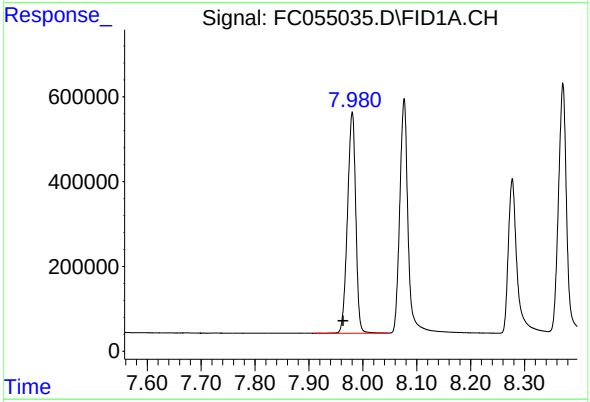
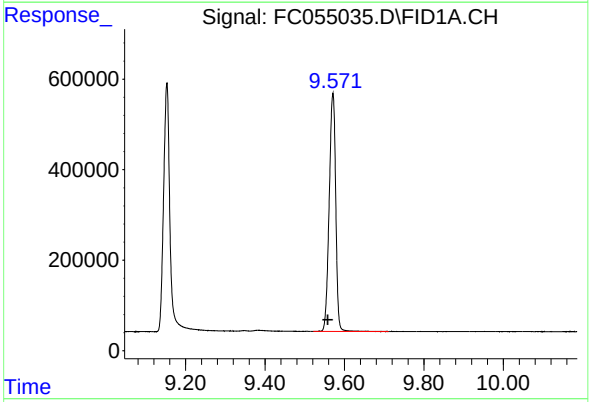


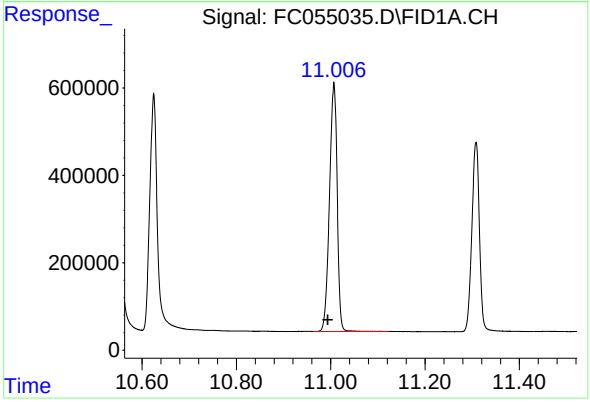
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.016 min
Response: 5548695
Conc: 49.70 ug/ml



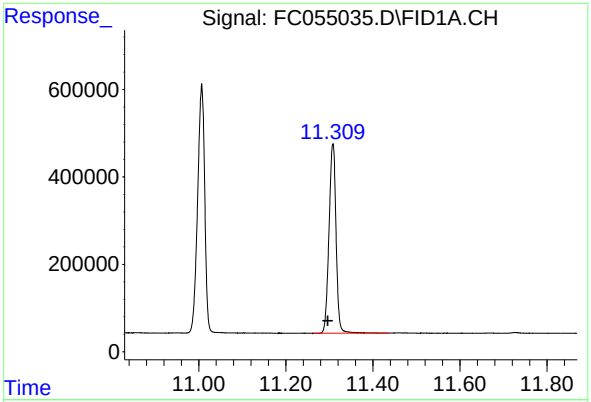
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.012 min
Response: 6000245
Conc: 52.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 6428911
Conc: 54.52 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.011 min
Response: 4858968
Conc: 38.59 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MS

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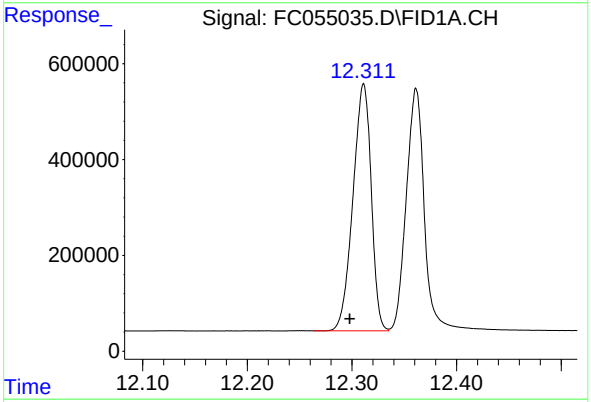
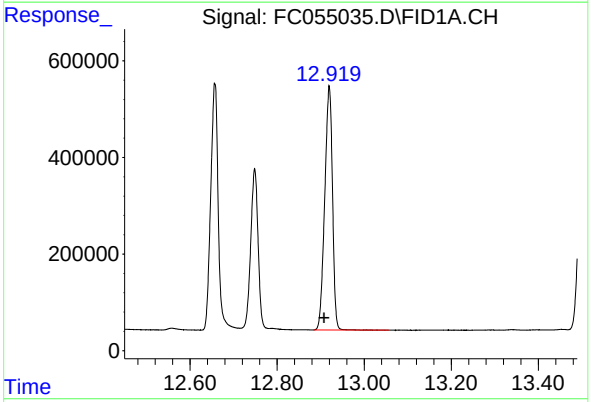


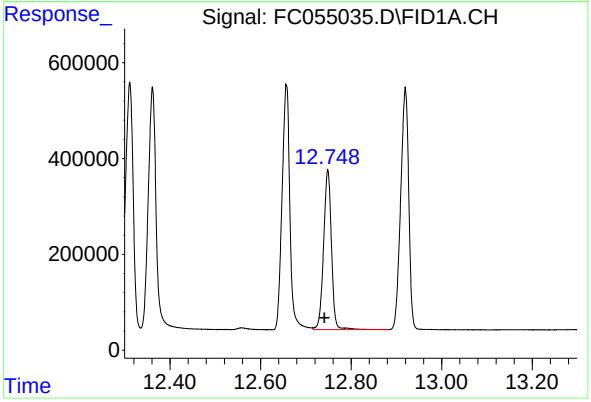
#10 n-Eicosane (C20)

R.T.: 12.310 min
Delta R.T.: 0.012 min
Response: 6243255
Conc: 53.18 ug/ml



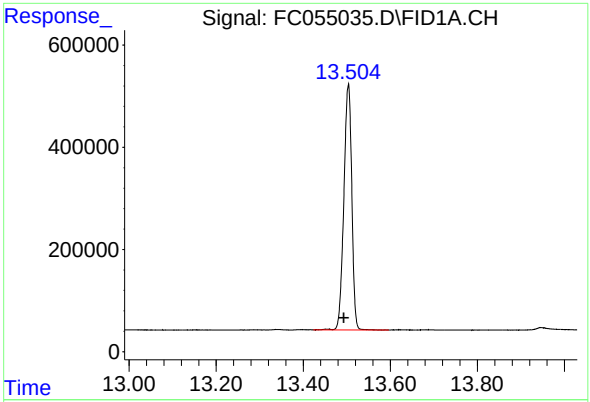
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 6216512
Conc: 52.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min
Delta R.T.: 0.008 min
Response: 4017892
Conc: 40.54 ug/ml



#13 n-Docosane (C22)

R.T.: 13.503 min
Delta R.T.: 0.010 min
Response: 6069940
Conc: 51.97 ug/ml

Instrument :
FID_C
ClientSampleId :
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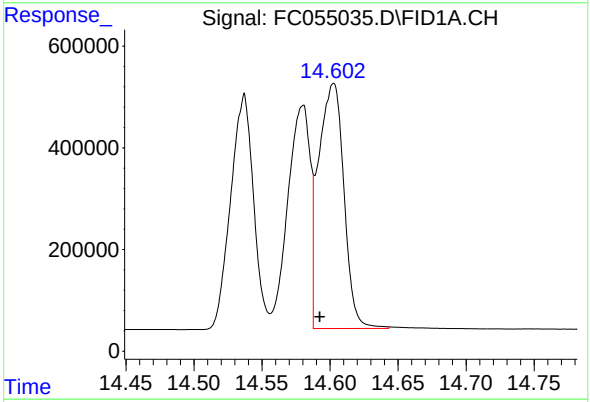
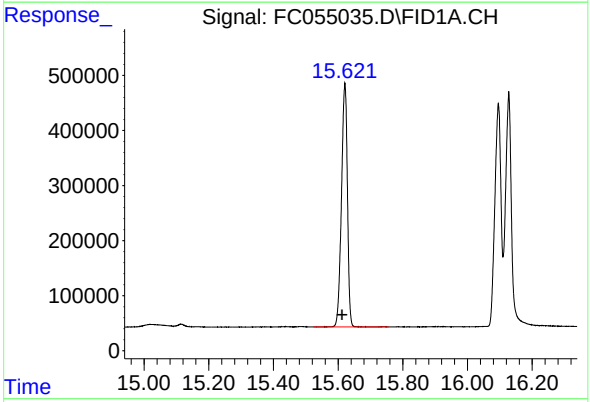


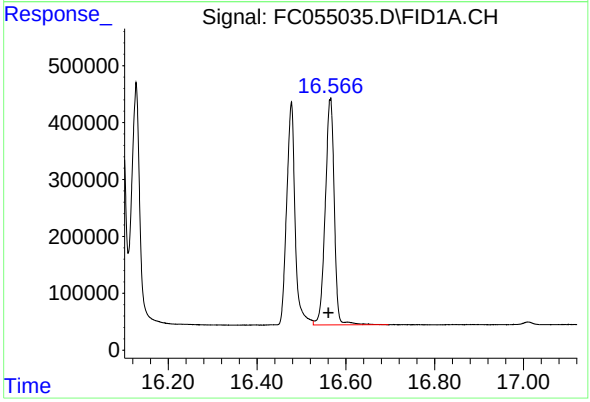
#14 n-Tetracosane (C24)

R.T.: 14.602 min
Delta R.T.: 0.010 min
Response: 6201806
Conc: 53.58 ug/ml m



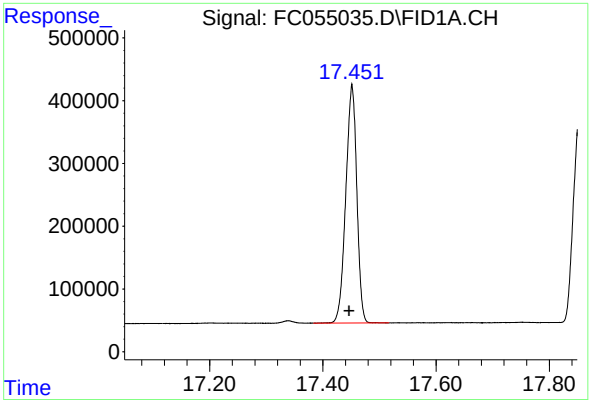
#15 n-Hexacosane (C26)

R.T.: 15.620 min
Delta R.T.: 0.009 min
Response: 5632868
Conc: 50.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.564 min
Delta R.T.: 0.004 min
Response: 5593215
Conc: 51.52 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.451 min
Delta R.T.: 0.005 min
Response: 5127673
Conc: 49.11 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MS

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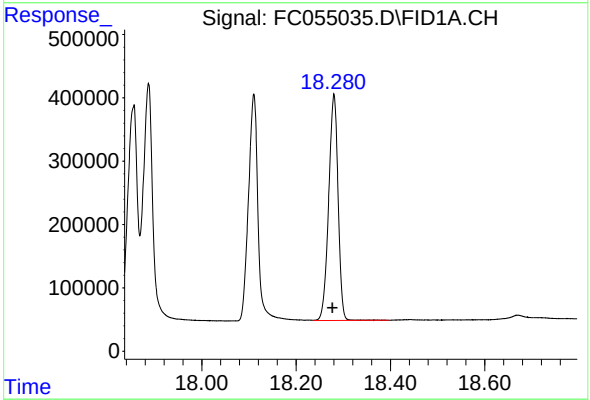
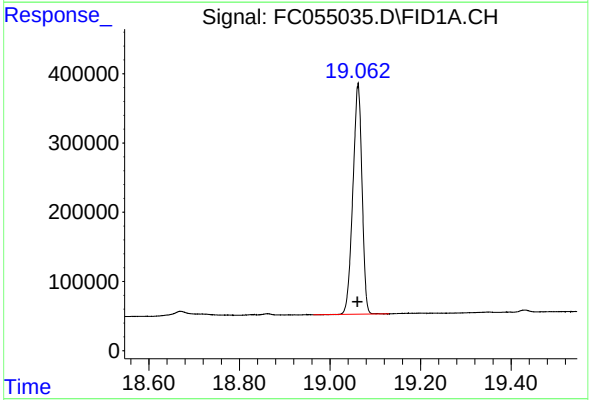


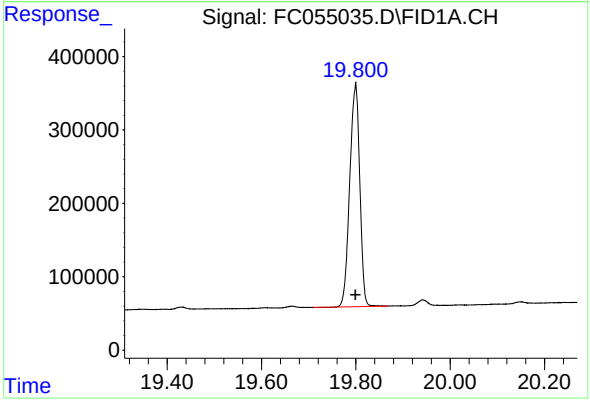
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 4927918
Conc: 49.76 ug/ml



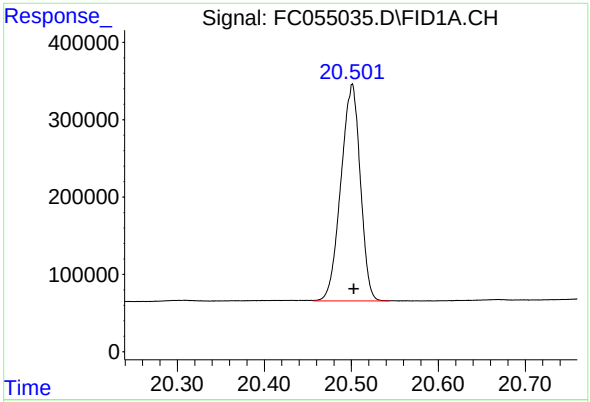
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 4662915
Conc: 49.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.001 min
Response: 4476913
Conc: 49.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.501 min
Delta R.T.: -0.001 min
Response: 4340712
Conc: 50.24 ug/ml m

Instrument :
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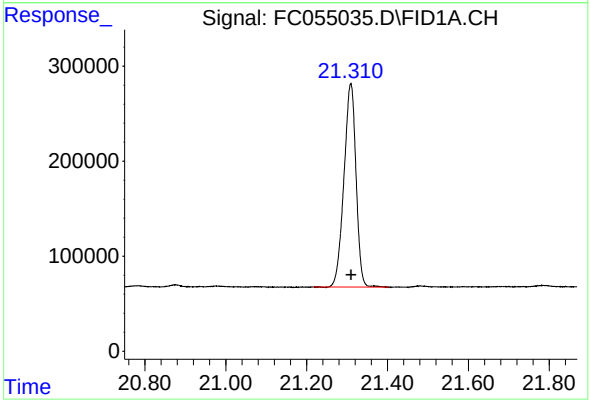

#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.002 min
Response: 4439390
Conc: 49.85 ug/ml