Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100919AL\
Data File : FD030944.D
Signal(s) : FID2B.CH
Acq On : 09 Oct 2019 19:32
Operator : DD\AJ
Sample : PB123781BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB123781BS

Manual Integrations APPROVED
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10/10/2019 1:41:38 PM

Integration File: autoint1.e
Quant Time: Oct 10 01:13:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
Quant Title : GC Extractables
QLast Update : Thu Sep 26 03:19:09 2019
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)	11.459	6468178	46.112 ug/ml
Spiked Amount	50.000		Recovery =	92.22%
12) S	1-chlorooctadecane (S...	12.886	5256793	48.449 ug/ml
Spiked Amount	50.000		Recovery =	96.90%
	Target Compounds			
1) T	n-Nonane (C9)	3.308	7312274	62.245 ug/ml
2) T	n-Decane (C10)	4.352	8021514	68.321 ug/ml
3) T	A~Naphthalene (C11.7)	5.915	9144169	70.082 ug/ml
4) T	n-Dodecane (C12)	6.345	8173781	68.687 ug/ml
5) T	A~2-methylnaphthalene...	6.963	8906359	67.562 ug/ml
6) T	n-Tetradecane (C14)	8.129	8245132	68.423 ug/ml
7) T	n-Hexadecane (C16)	9.717	8130301	66.480 ug/ml
8) T	n-Octadecane (C18)	11.148	7867608	63.161 ug/ml
10) T	n-Eicosane (C20)	12.447	7644267	60.619 ug/ml
11) T	n-Heneicosane (C21)	13.054	7526609	58.868 ug/ml
13) T	n-Docosane (C22)	13.635	7394680	57.724 ug/ml
14) T	n-Tetracosane (C24)	14.720	14331162	110.442 ug/ml
15) T	n-Hexacosane (C26)	15.743	6818232	52.507 ug/ml
16) T	n-Octacosane (C28)	16.683	6660355	51.444 ug/ml
17) T	n-Tricontane (C30)	17.566	6633283	51.058 ug/ml
18) T	n-Dotriacontane (C32)	18.388	6426527	51.025 ug/ml
19) T	n-Tetratriacontane (C34)	19.165	6140561	50.455 ug/ml
20) T	n-Hexatriacontane (C36)	19.896	5583792	48.410 ug/mlm
21) T	n-Octatriacontane (C38)	20.601	5027852	47.672 ug/ml
22) T	n-Tetracontane (C40)	21.436	4915590	46.458 ug/ml

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

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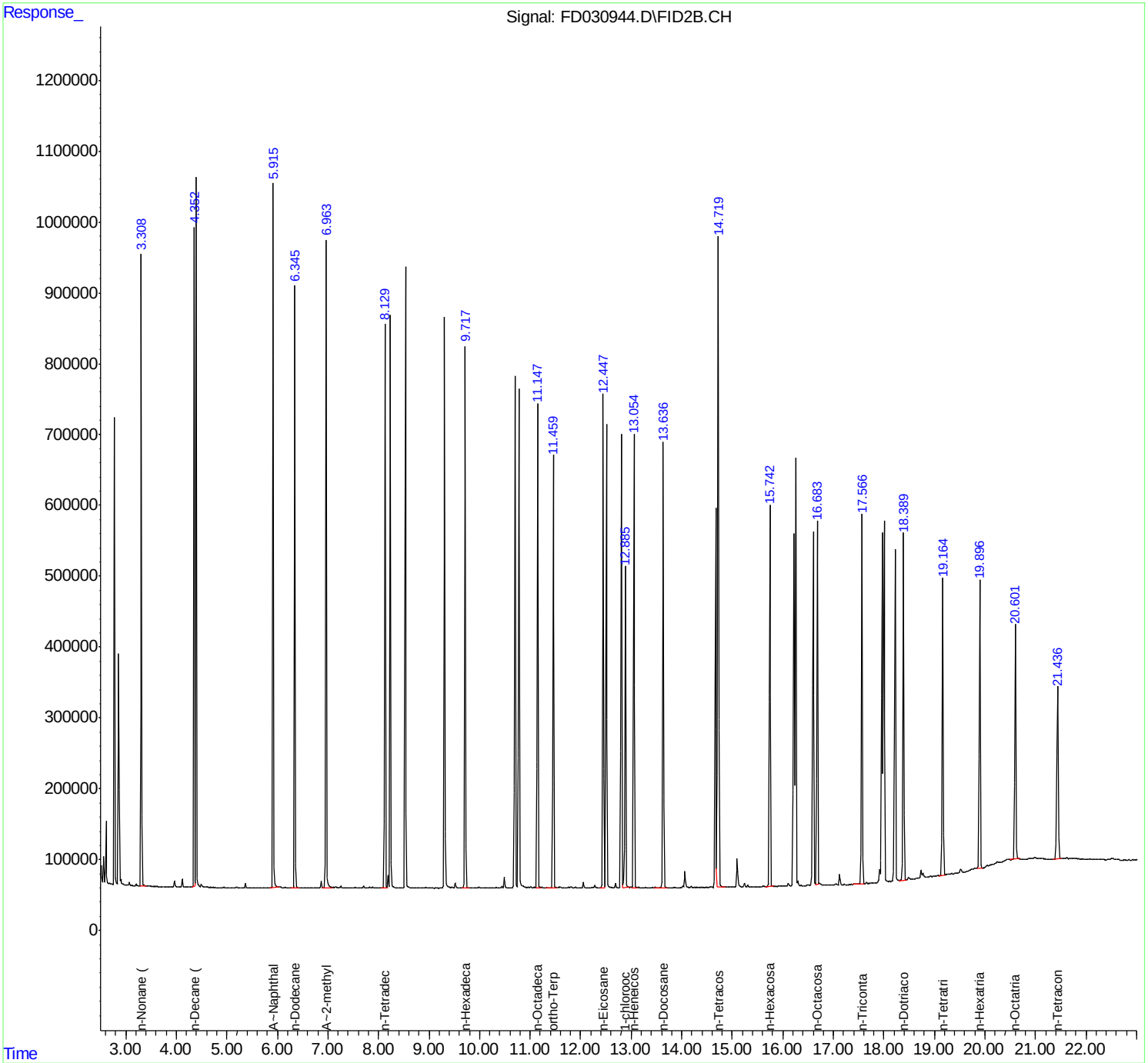

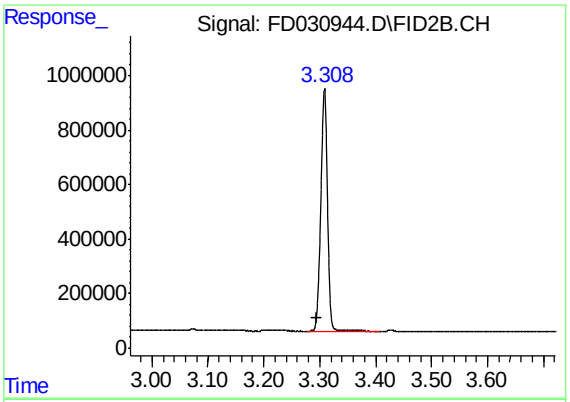

#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.013 min
Response: 7312274
Conc: 62.25 ug/ml

Instrument :
FID_D
ClientSampleId :
PB123781BS

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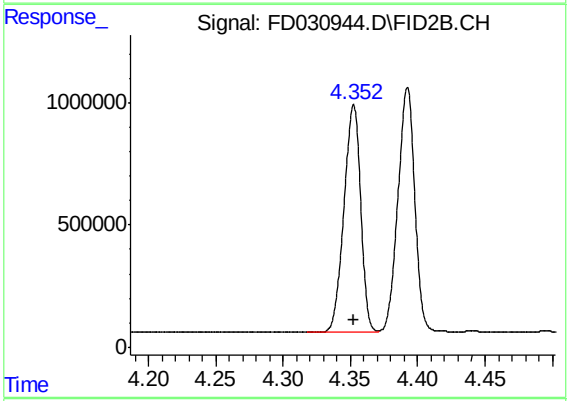
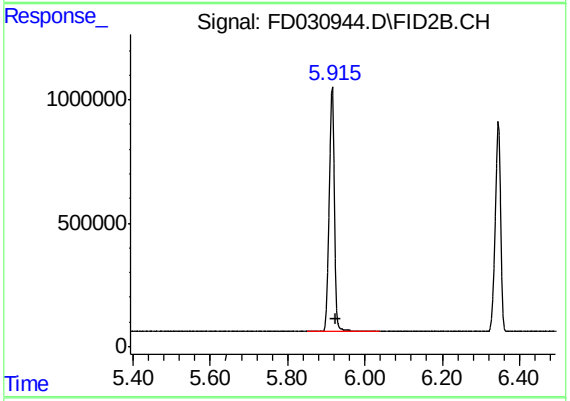


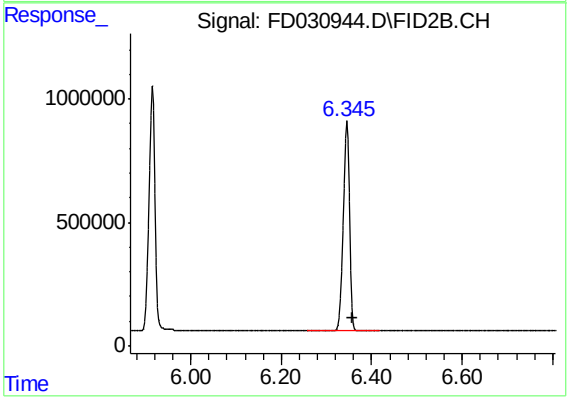
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 8021514
Conc: 68.32 ug/ml



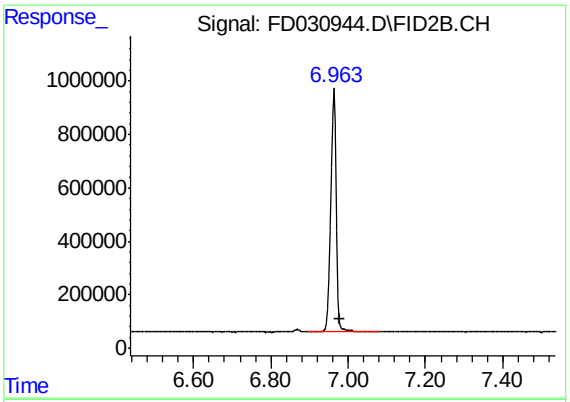
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 9144169
Conc: 70.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.013 min
Response: 8173781
Conc: 68.69 ug/ml



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

R.T.: 6.963 min
Delta R.T.: -0.014 min
Response: 8906359
Conc: 67.56 ug/ml

Instrument :
FID_D
ClientSampleId :
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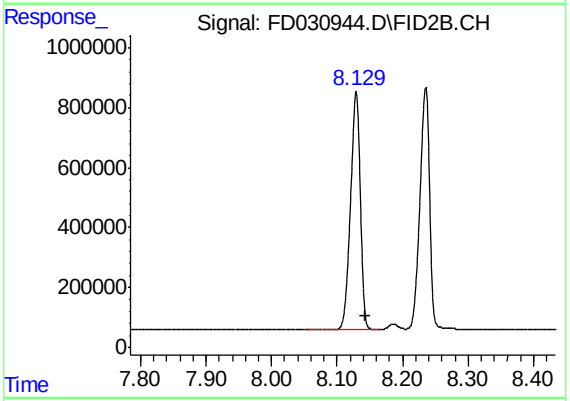
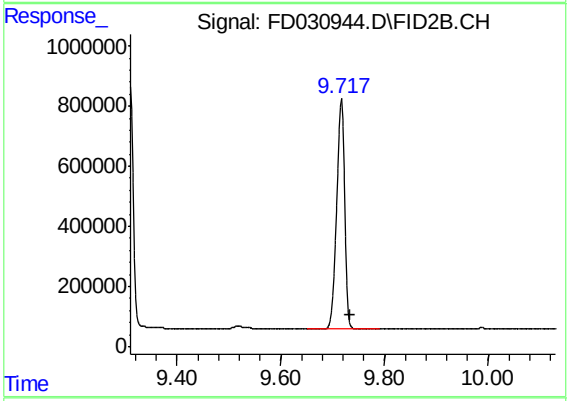


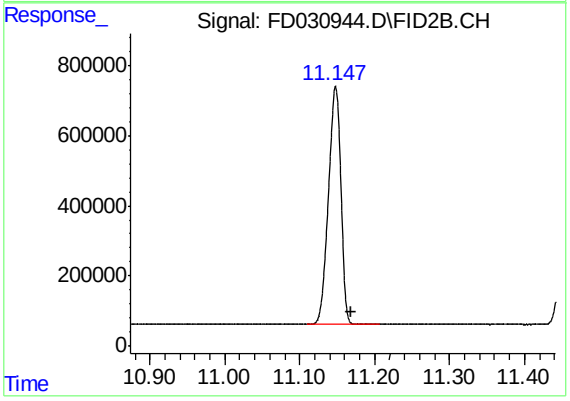
#6 n-Tetradecane (C14)

R.T.: 8.129 min
Delta R.T.: -0.014 min
Response: 8245132
Conc: 68.42 ug/ml



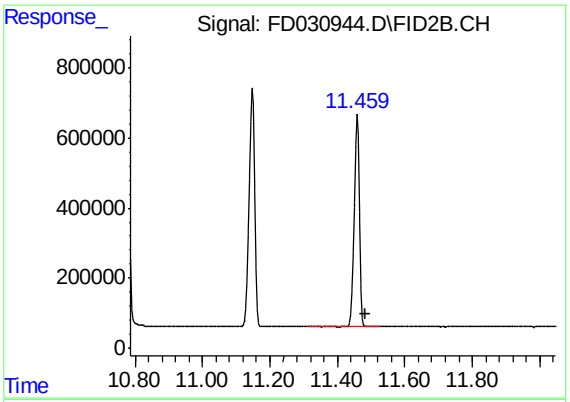
#7 n-Hexadecane (C16)

R.T.: 9.717 min
Delta R.T.: -0.018 min
Response: 8130301
Conc: 66.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.148 min
Delta R.T.: -0.021 min
Response: 7867608
Conc: 63.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.023 min
Response: 6468178
Conc: 46.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB123781BS

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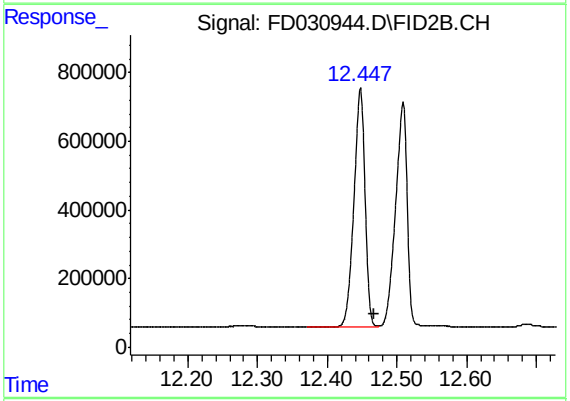
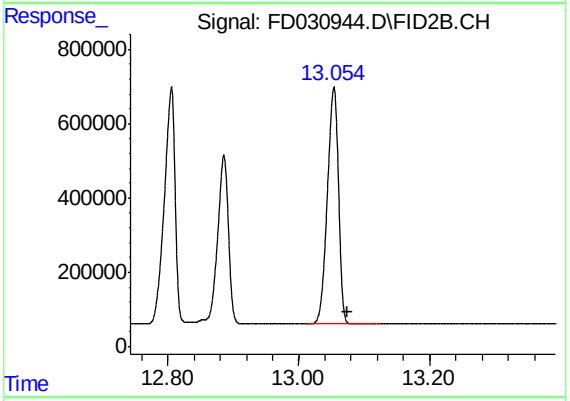


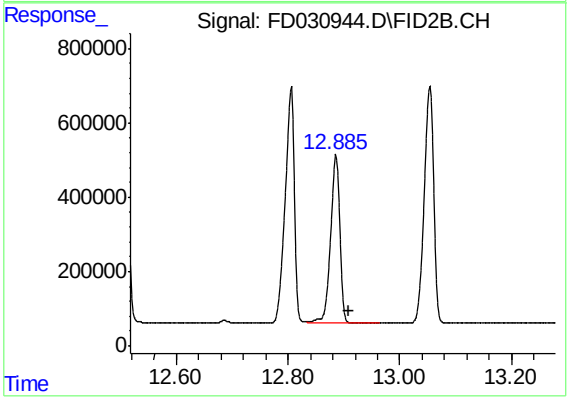
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.020 min
Response: 7644267
Conc: 60.62 ug/ml



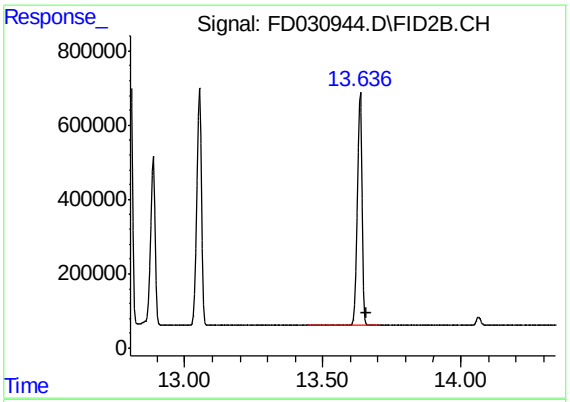
#11 n-Heneicosane (C21)

R.T.: 13.054 min
Delta R.T.: -0.022 min
Response: 7526609
Conc: 58.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.022 min
Response: 5256793
Conc: 48.45 ug/ml



#13 n-Docosane (C22)

R.T.: 13.635 min
Delta R.T.: -0.022 min
Response: 7394680
Conc: 57.72 ug/ml

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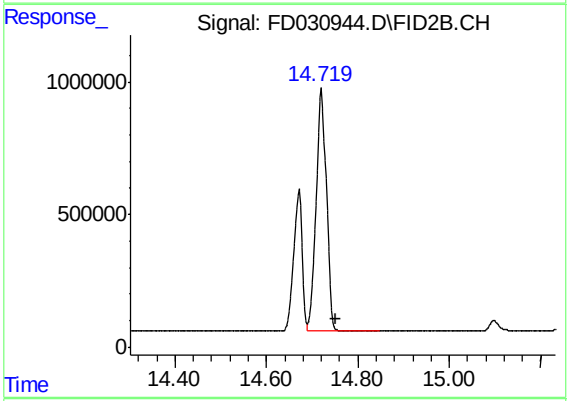
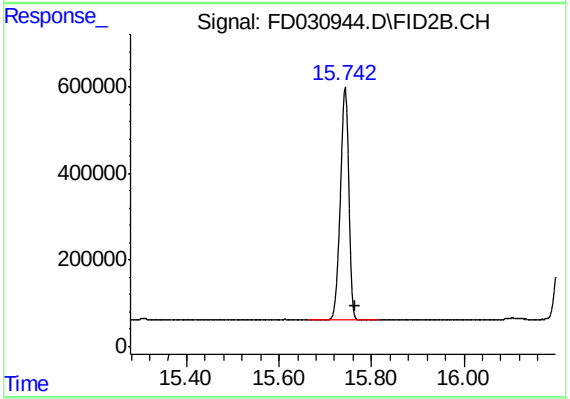


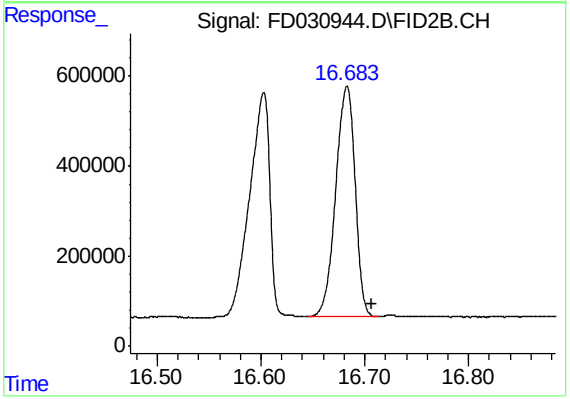
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.032 min
Response: 14331162
Conc: 110.44 ug/ml



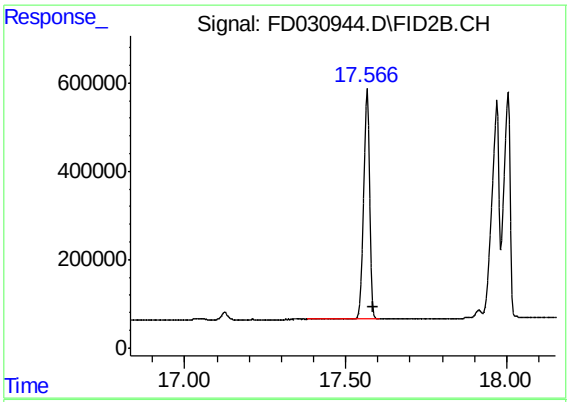
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.022 min
Response: 6818232
Conc: 52.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.683 min
Delta R.T.: -0.024 min
Response: 6660355
Conc: 51.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.566 min
Delta R.T.: -0.020 min
Response: 6633283
Conc: 51.06 ug/ml

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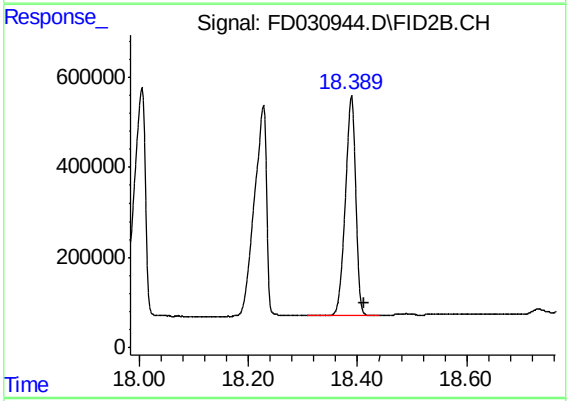
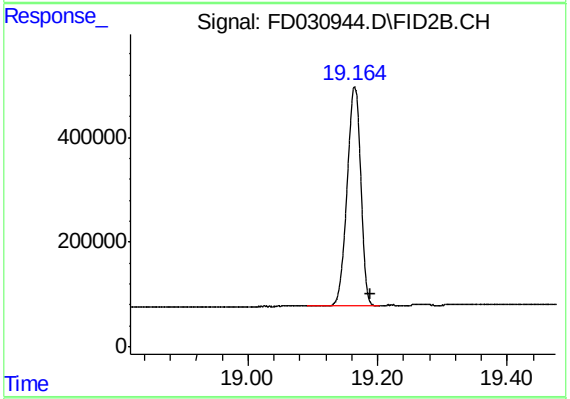


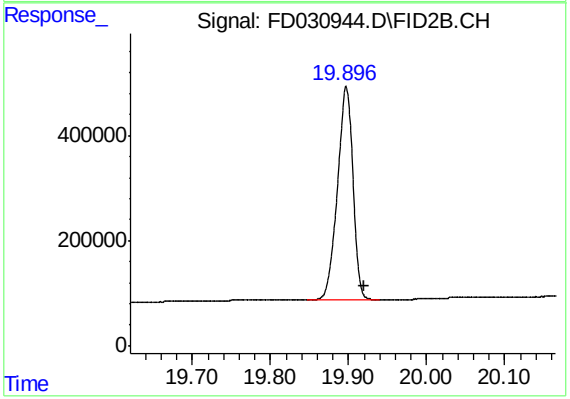
#18 n-Dotriacontane (C32)

R.T.: 18.388 min
Delta R.T.: -0.023 min
Response: 6426527
Conc: 51.02 ug/ml



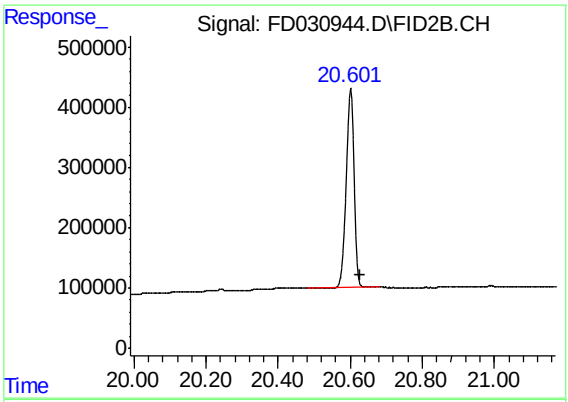
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min
Delta R.T.: -0.023 min
Response: 6140561
Conc: 50.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.896 min
Delta R.T.: -0.024 min
Response: 5583792
Conc: 48.41 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: -0.025 min
Response: 5027852
Conc: 47.67 ug/ml

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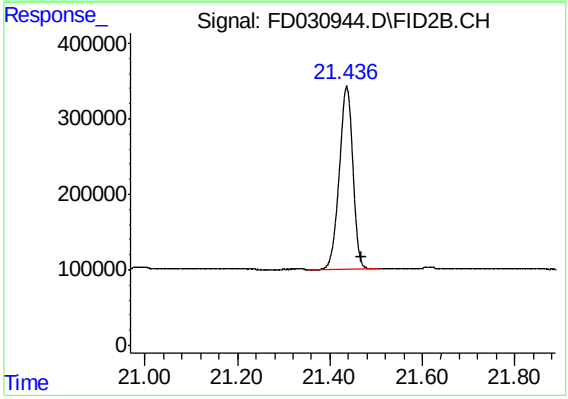

#22 n-Tetracontane (C40)

R.T.: 21.436 min
Delta R.T.: -0.033 min
Response: 4915590
Conc: 46.46 ug/ml