Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
Data File : FE050184.D
Signal(s) : FID1B.ch
Acq On : 18 Sep 2024 21:12
Operator : YP\AJ
Sample : PB163506BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB163506BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
Quant Time: Sep 19 01:29:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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			
12) S	1-chlorooctadecane (S...	13.309	3687991	32.833 ug/ml
Spiked Amount	50.000		Recovery =	65.67%
	Target Compounds			
1) T	n-Nonane (C9)	3.262	3315661	24.462 ug/mlm
2) T	n-Decane (C10)	4.513	4109873	29.779 ug/ml
4) T	n-Dodecane (C12)	6.680	4718600	34.123 ug/ml
6) T	n-Tetradecane (C14)	8.508	5081528	37.317 ug/ml
7) T	n-Hexadecane (C16)	10.114	5391824	38.817 ug/ml
8) T	n-Octadecane (C18)	11.557	5917300	42.236 ug/ml
10) T	n-Eicosane (C20)	12.865	6288191	46.876 ug/ml
11) T	n-Heneicosane (C21)	13.476	6162841	46.902 ug/ml
13) T	n-Docosane (C22)	14.062	6142406	47.170 ug/ml
14) T	n-Tetracosane (C24)	15.163	6068582	46.470 ug/ml
15) T	n-Hexacosane (C26)	16.183	6003224	46.922 ug/ml
16) T	n-Octacosane (C28)	17.132	6105882	47.403 ug/ml
17) T	n-Tricontane (C30)	18.018	6282509	46.982 ug/ml
18) T	n-Dotriacontane (C32)	18.850	6411006	48.110 ug/ml
19) T	n-Tetratriacontane (C34)	19.634	6655472	53.864 ug/ml
20) T	n-Hexatriacontane (C36)	20.371	6699359	60.382 ug/mlm
21) T	n-Octatriacontane (C38)	21.100	6756498	61.267 ug/ml
22) T	n-Tetracontane (C40)	21.991	6357176	58.422 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
Data File : FE050184.D
Signal(s) : FID1B.ch
Acq On : 18 Sep 2024 21:12
Operator : YP\AJ
Sample : PB163506BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

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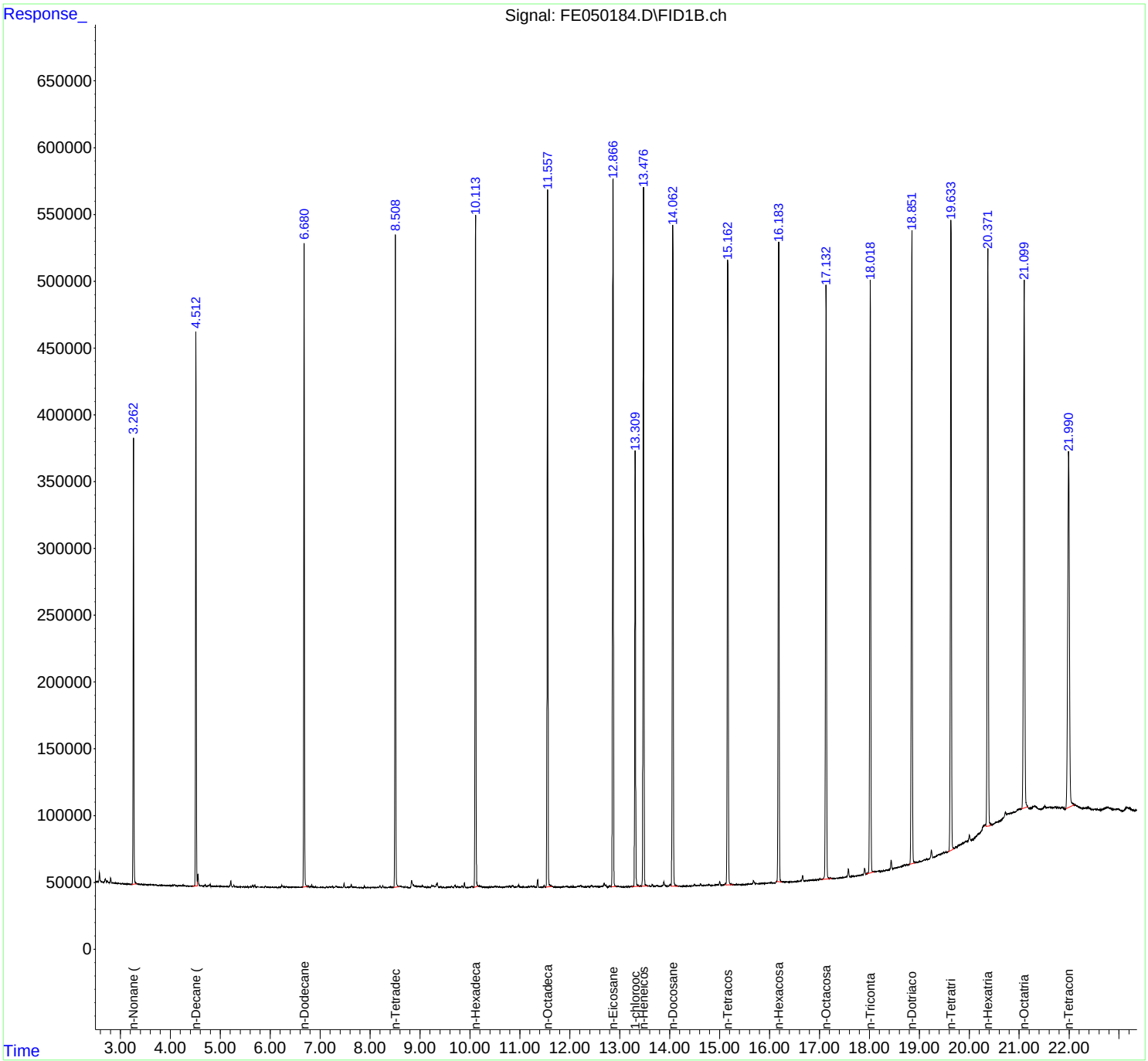
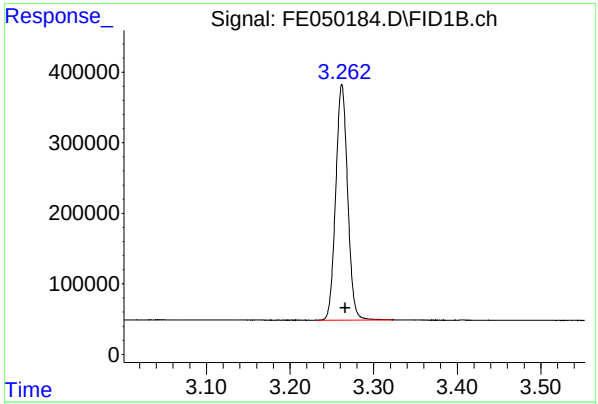
Integration File: autoint1.e
Quant Time: Sep 19 01:29:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.004 min
Response: 3315661
Conc: 24.46 ug/ml

Instrument :
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ClientSampleId :
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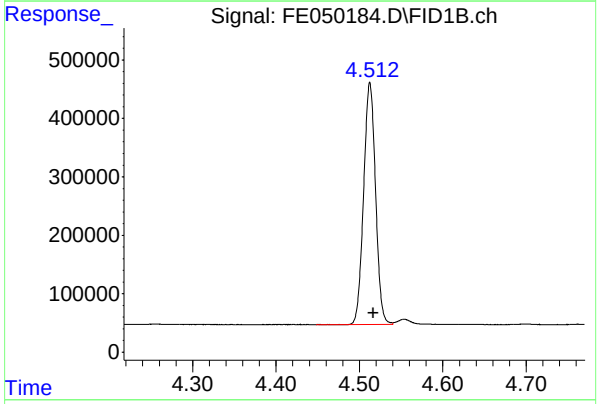
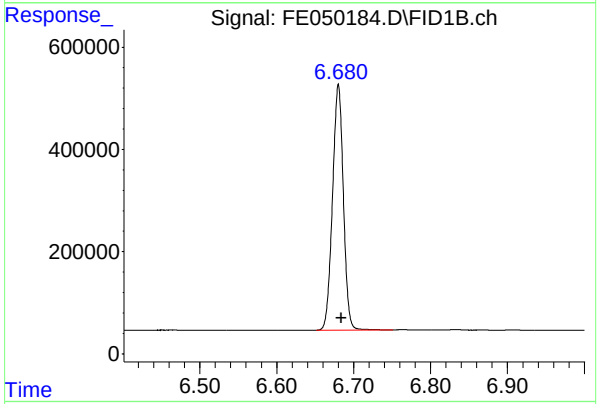


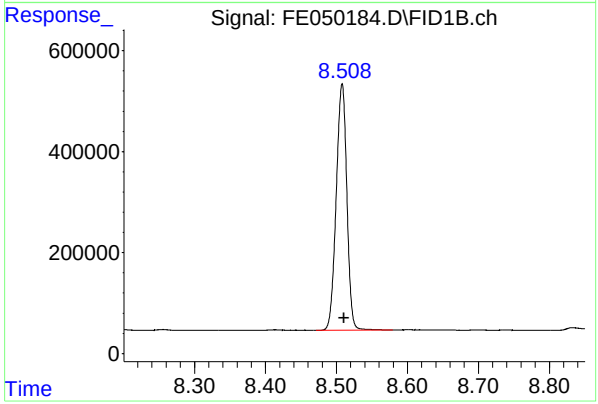
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 4109873
Conc: 29.78 ug/ml



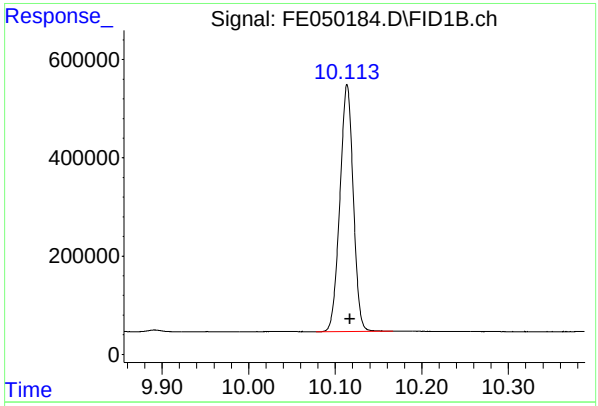
#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 4718600
Conc: 34.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 5081528
Conc: 37.32 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 5391824
Conc: 38.82 ug/ml

Instrument :
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ClientSampleId :
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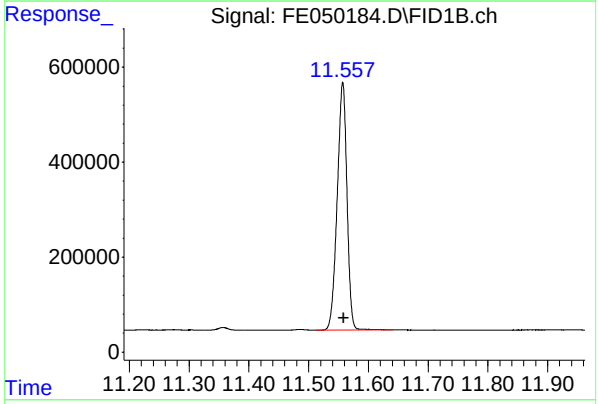
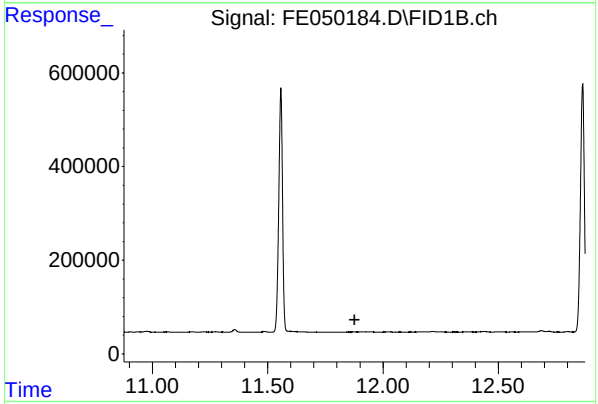


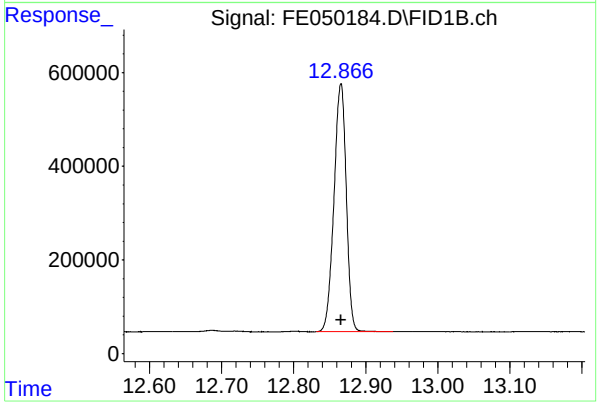
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.002 min
Response: 5917300
Conc: 42.24 ug/ml



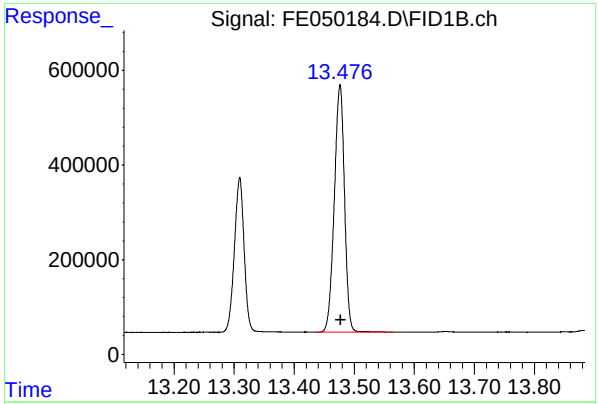
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.876 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: 0.000 min
Response: 6288191
Conc: 46.88 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.001 min
Response: 6162841
Conc: 46.90 ug/ml

Instrument :
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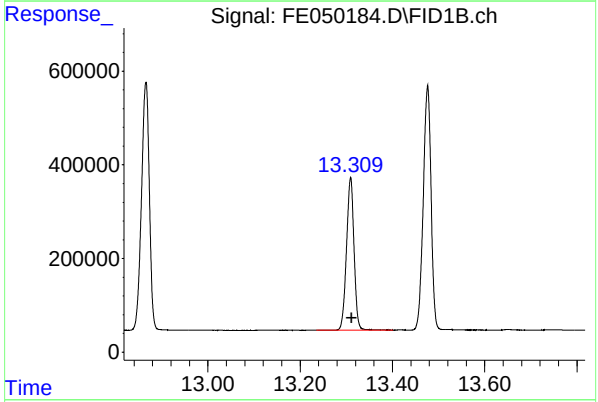
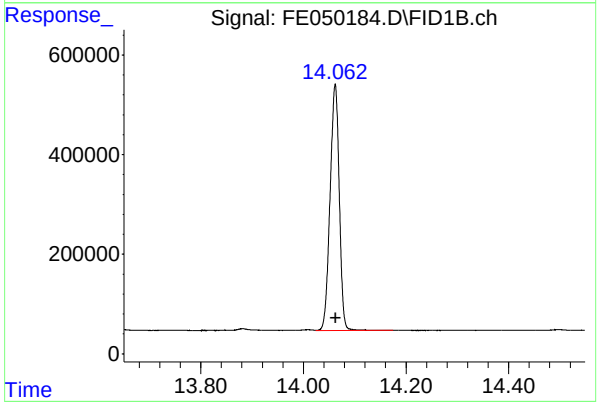


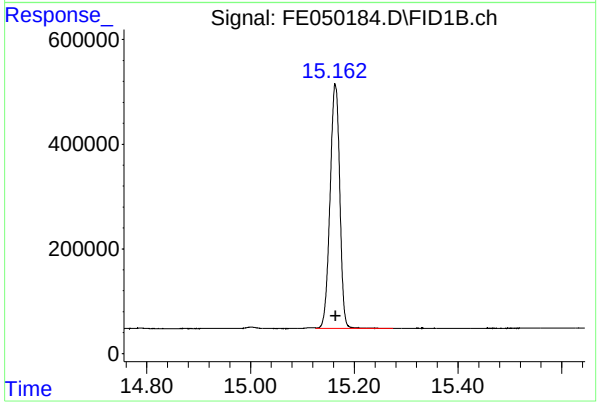
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 3687991
Conc: 32.83 ug/ml



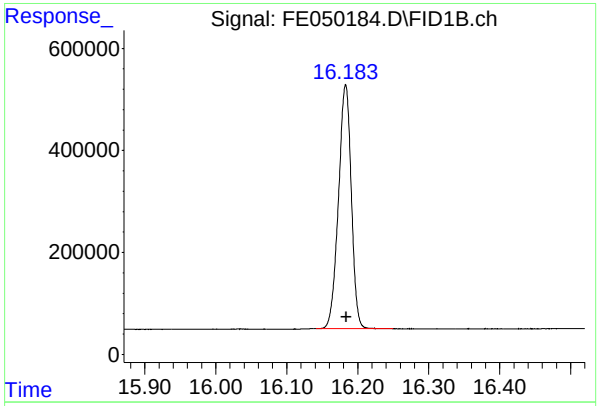
#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.001 min
Response: 6142406
Conc: 47.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 6068582
Conc: 46.47 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 6003224
Conc: 46.92 ug/ml

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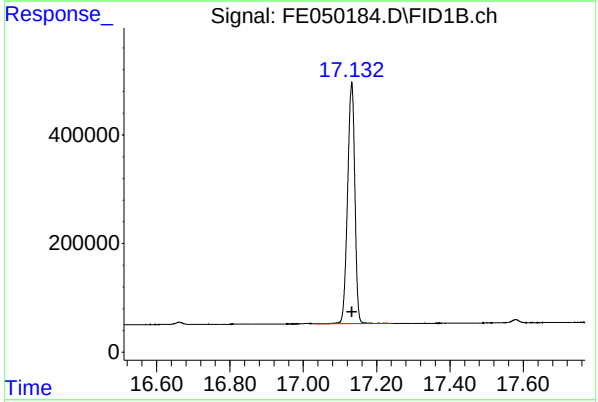
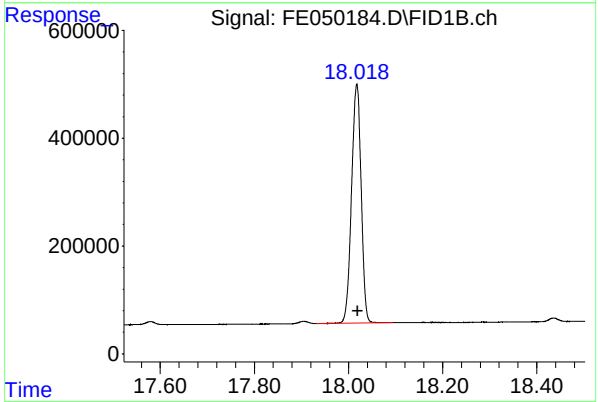


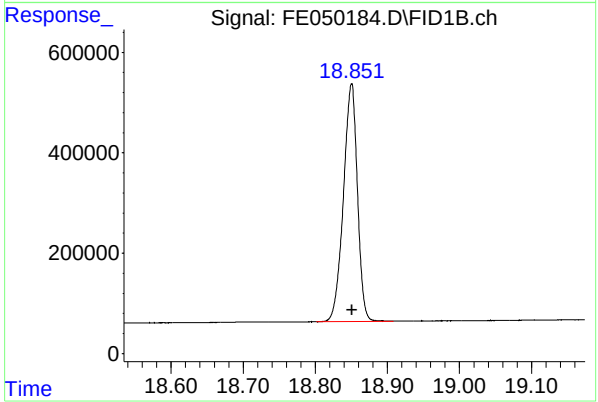
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.001 min
Response: 6105882
Conc: 47.40 ug/ml



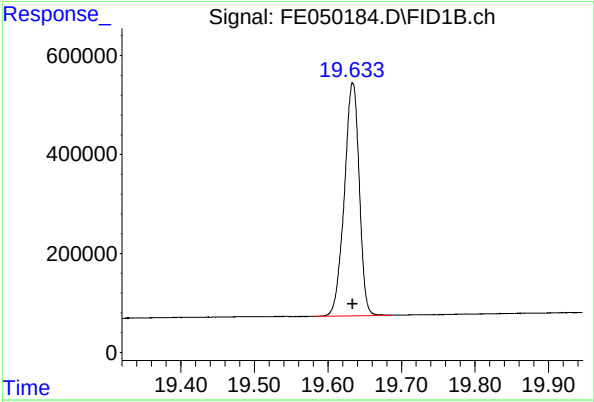
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 6282509
Conc: 46.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 6411006
Conc: 48.11 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 mi
Response: 6655472
Conc: 53.86 ug/m

Instrument :
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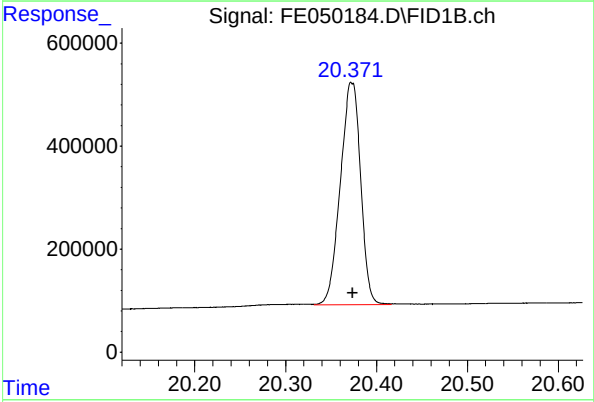
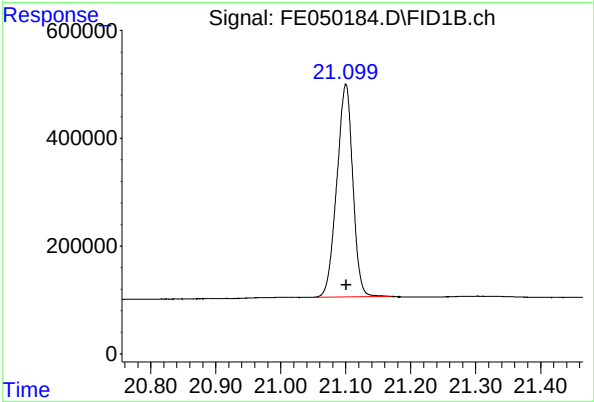


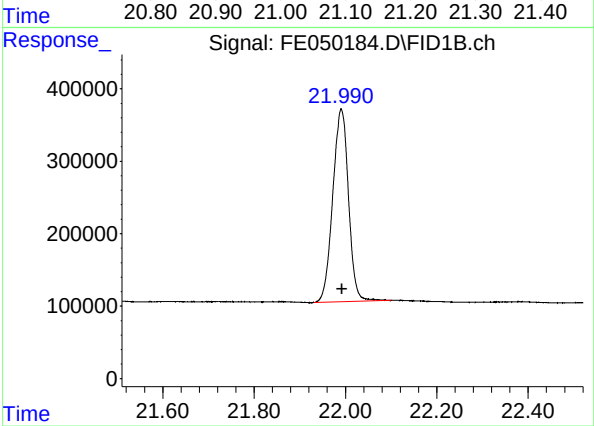
#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.002 min
Response: 6699359
Conc: 60.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: 0.000 min
Response: 6756498
Conc: 61.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.001 min
Response: 6357176
Conc: 58.42 ug/ml