

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048108.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 03:41
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 06:32:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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...	13.396	4879869	43.671 ug/ml
Spiked Amount 50.000		Recovery =	87.34%
Target Compounds			
1) T n-Nonane (C9)	3.348	253886	1.970 ug/ml
2) T n-Decane (C10)	4.595	317202	2.409 ug/ml
4) T n-Dodecane (C12)	6.760	483153	3.624 ug/ml
6) T n-Tetradecane (C14)	8.587	382941	2.890 ug/ml
7) T n-Hexadecane (C16)	10.194	384218	2.794 ug/ml
8) T n-Octadecane (C18)	11.637	418294	3.003 ug/ml
10) T n-Eicosane (C20)	12.947	461985	3.431 ug/ml
11) T n-Heneicosane (C21)	13.559	423231	3.197 ug/ml
13) T n-Docosane (C22)	14.144	454781	3.432 ug/ml
14) T n-Tetracosane (C24)	15.246	537343	4.036 ug/ml
15) T n-Hexacosane (C26)	16.267	508599	3.811 ug/ml
16) T n-Octacosane (C28)	17.216	544381	4.089 ug/ml
17) T n-Tricontane (C30)	18.102	643078	4.660 ug/ml
18) T n-Dotriacontane (C32)	18.934	854041	6.183 ug/ml
19) T n-Tetratriacontane (C34)	19.717	617786	4.535 ug/ml
20) T n-Hexatriacontane (C36)	20.455	580625	4.288 ug/ml
21) T n-Octatriacontane (C38)	21.195	580312	4.203 ug/ml
22) T n-Tetracontane (C40)	22.117	814029	5.843 ug/ml

(f)=RT Delta > 1/2 Window

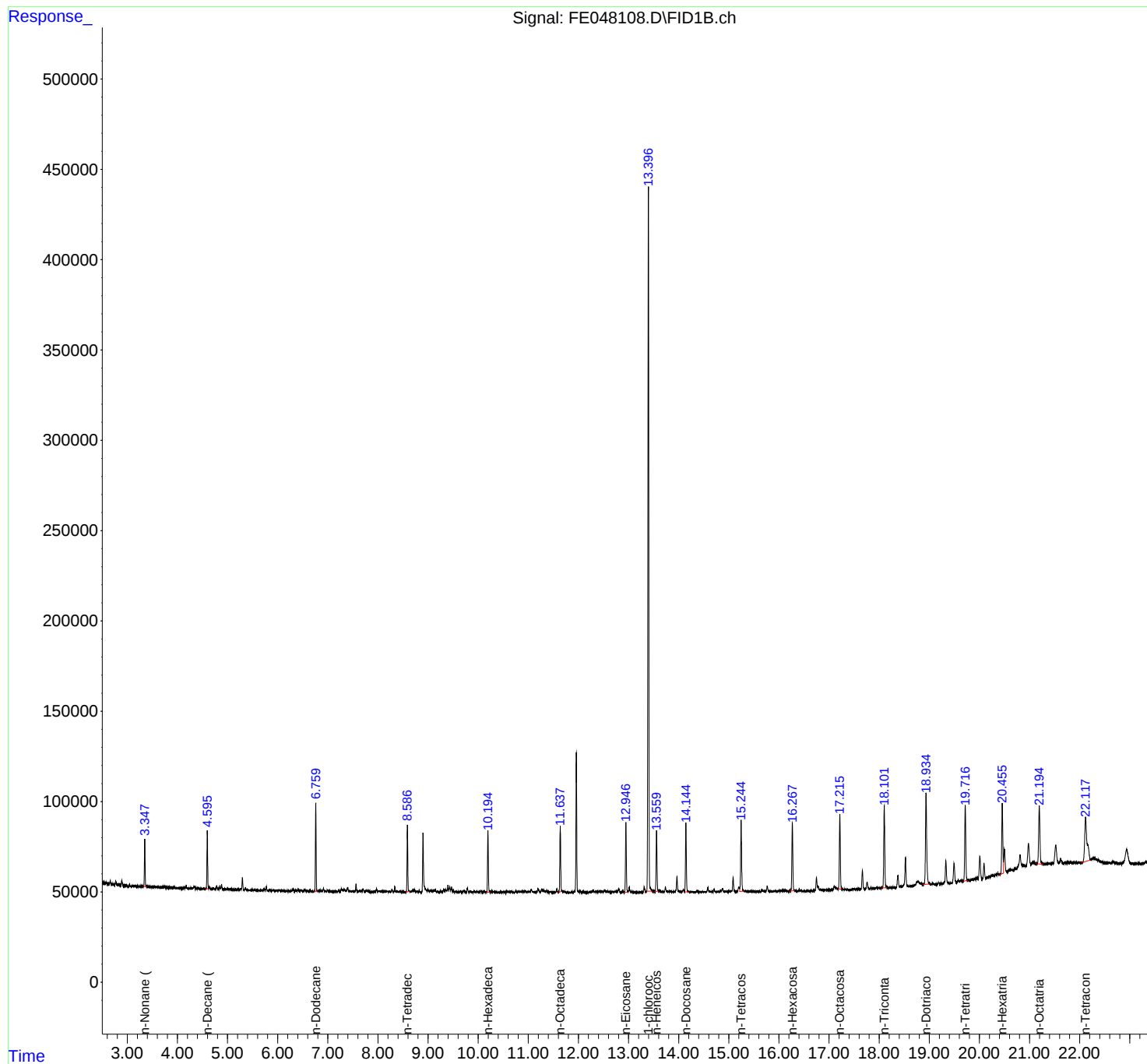
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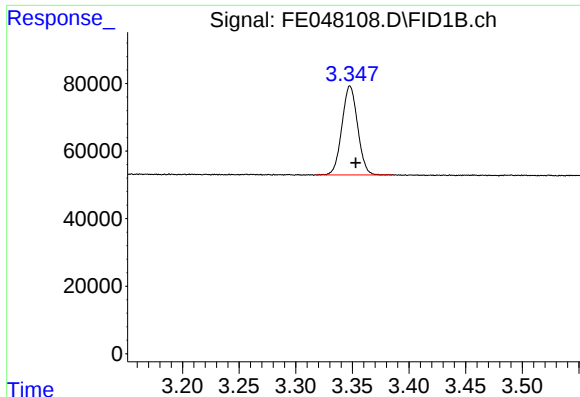
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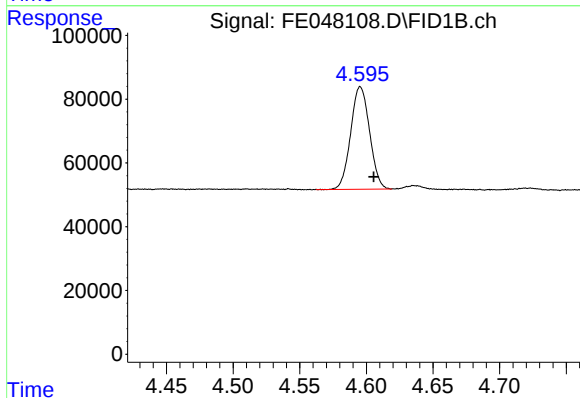




#1 n-Nonane (C9)

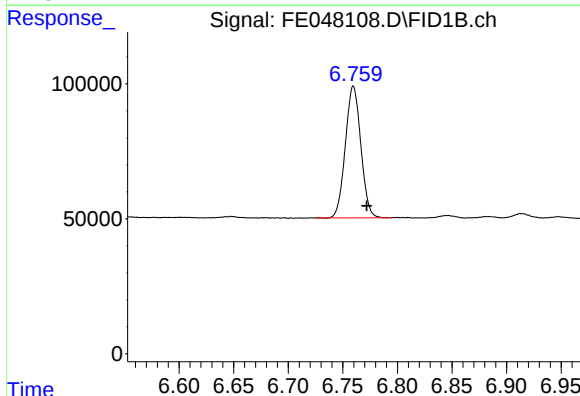
R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 253886
Conc: 1.97 ug/ml

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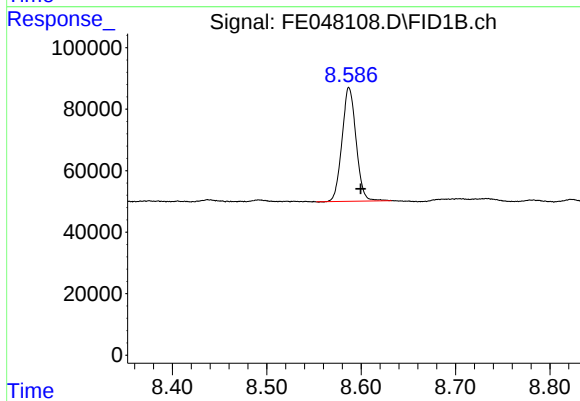
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.010 min
Response: 317202
Conc: 2.41 ug/ml



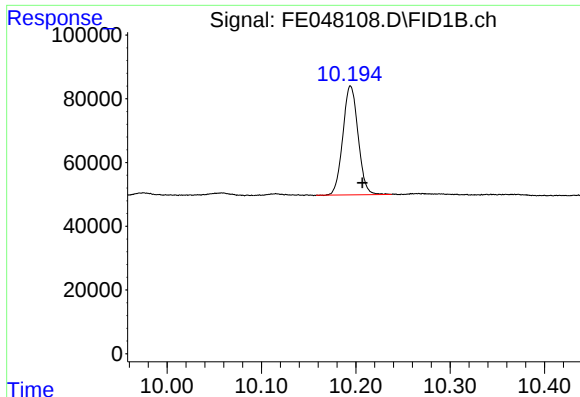
#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 483153
Conc: 3.62 ug/ml



#6 n-Tetradecane (C14)

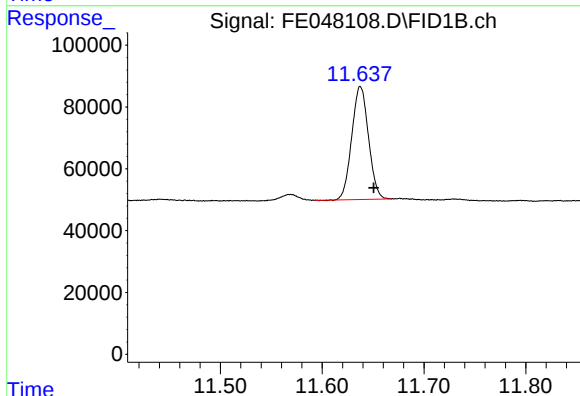
R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 382941
Conc: 2.89 ug/ml



#7 n-Hexadecane (C16)

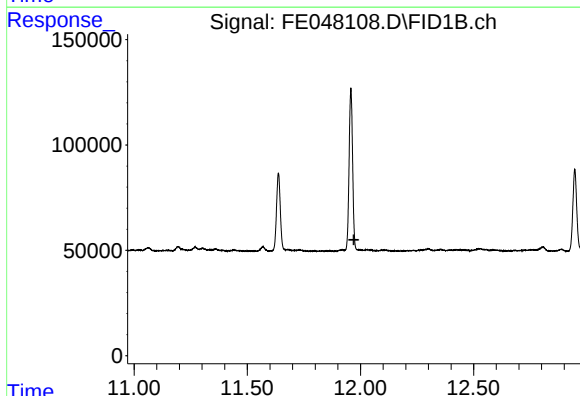
R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 384218
Conc: 2.79 ug/ml

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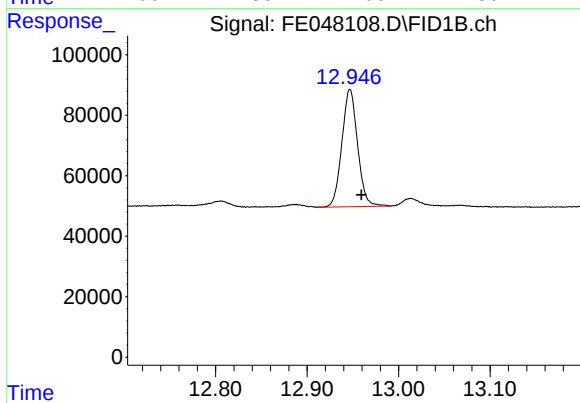
#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.013 min
Response: 418294
Conc: 3.00 ug/ml



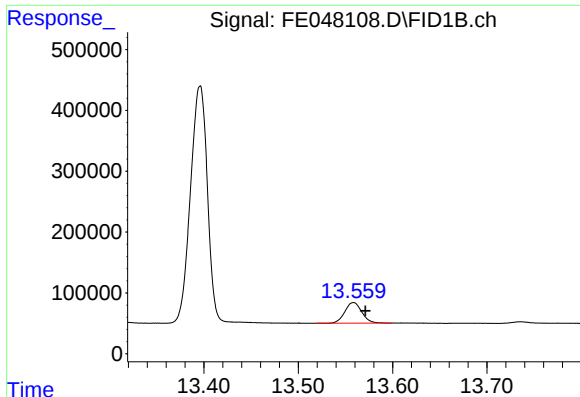
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.971 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

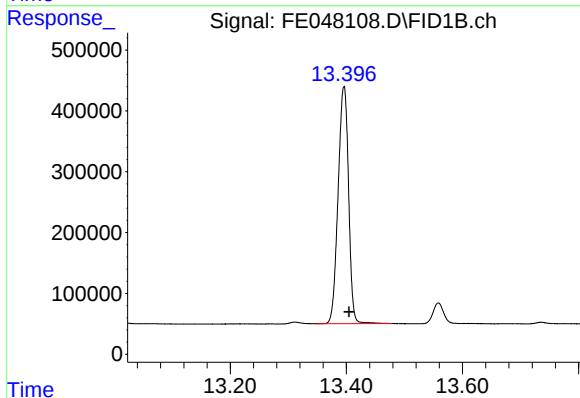
R.T.: 12.947 min
Delta R.T.: -0.013 min
Response: 461985
Conc: 3.43 ug/ml



#11 n-Heneicosane (C21)

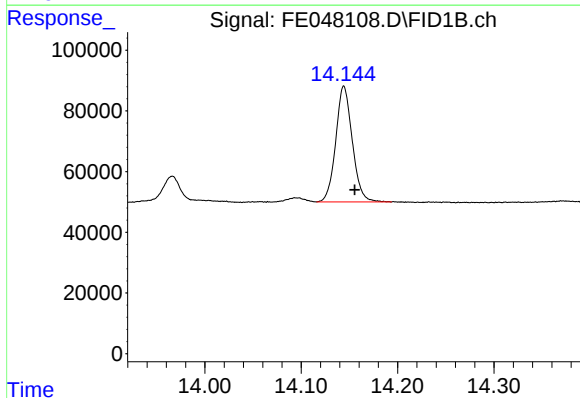
R.T.: 13.559 min
Delta R.T.: -0.013 min
Response: 423231
Conc: 3.20 ug/ml

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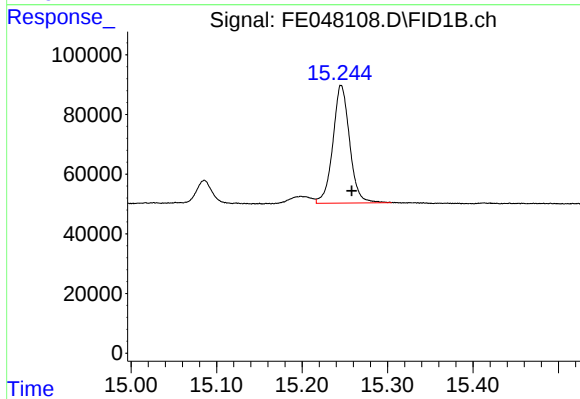
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.009 min
Response: 4879869
Conc: 43.67 ug/ml



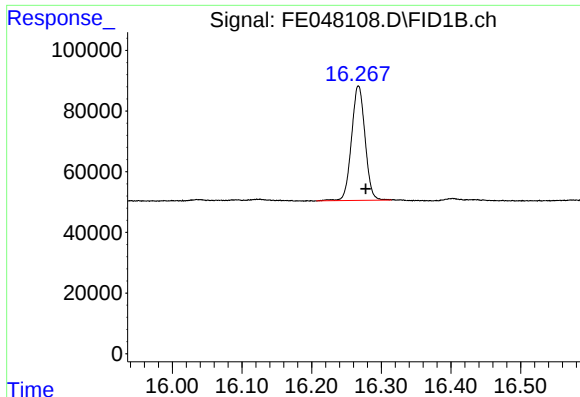
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 454781
Conc: 3.43 ug/ml



#14 n-Tetracosane (C24)

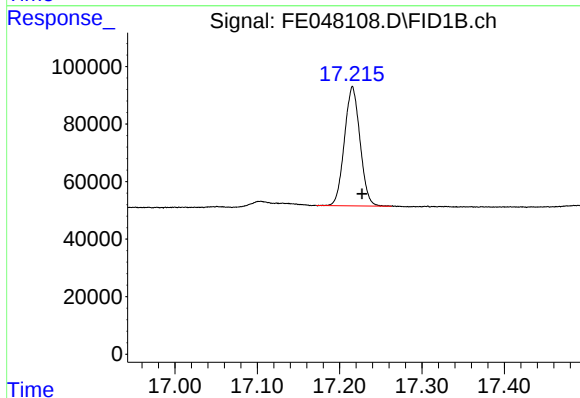
R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 537343
Conc: 4.04 ug/ml



#15 n-Hexacosane (C26)

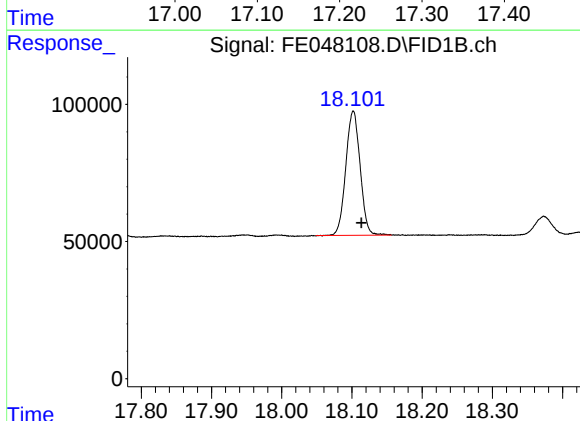
R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 508599
Conc: 3.81 ug/ml

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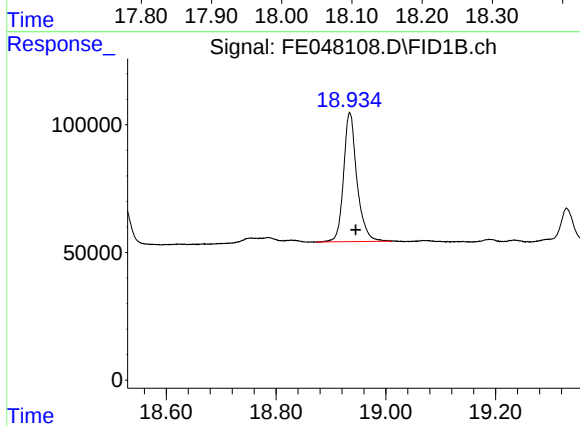
#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: -0.012 min
Response: 544381
Conc: 4.09 ug/ml



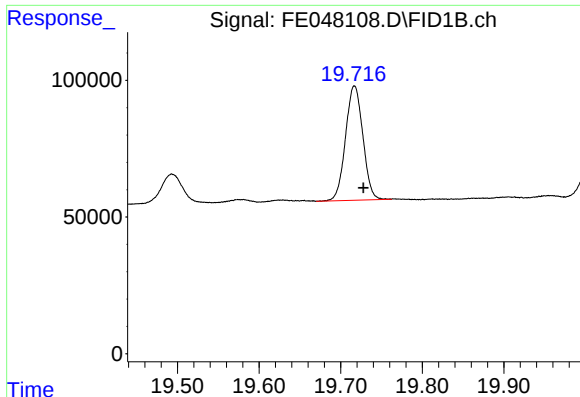
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 643078
Conc: 4.66 ug/ml



#18 n-Dotriacontane (C32)

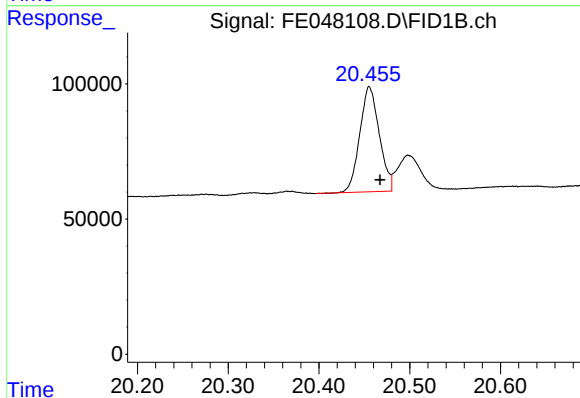
R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 854041
Conc: 6.18 ug/ml



#19 n-Tetratriacontane (C34)

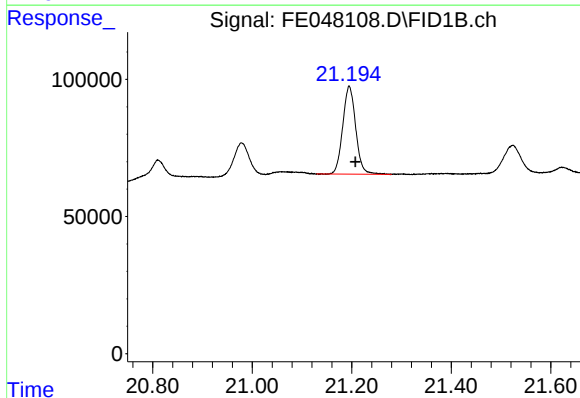
R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 617786
Conc: 4.54 ug/ml

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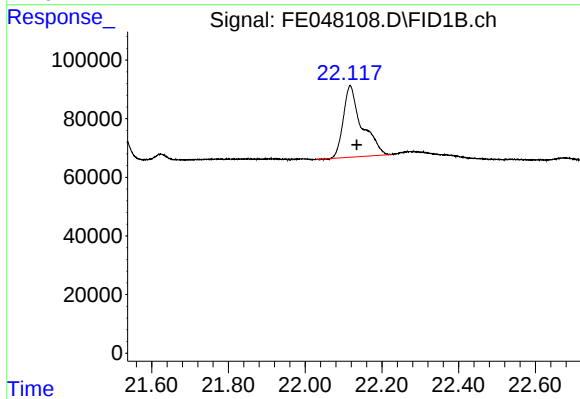
#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 580625
Conc: 4.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.013 min
Response: 580312
Conc: 4.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.017 min
Response: 814029
Conc: 5.84 ug/ml