

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048106.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 02:40
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 11 06:31:29 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...	13.395	4872217	43.603 ug/ml
Spiked Amount 50.000		Recovery =	87.21%
Target Compounds			
1) T n-Nonane (C9)	3.348	418782	3.249 ug/ml
2) T n-Decane (C10)	4.596	536205	4.073 ug/ml
4) T n-Dodecane (C12)	6.760	722841	5.422 ug/ml
6) T n-Tetradecane (C14)	8.588	641585	4.841 ug/ml
7) T n-Hexadecane (C16)	10.195	646768	4.703 ug/ml
8) T n-Octadecane (C18)	11.637	696724	5.002 ug/ml
10) T n-Eicosane (C20)	12.947	747467	5.551 ug/ml
11) T n-Heneicosane (C21)	13.559	708203	5.350 ug/ml
13) T n-Docosane (C22)	14.144	731099	5.517 ug/ml
14) T n-Tetracosane (C24)	15.246	759447	5.704 ug/ml
15) T n-Hexacosane (C26)	16.267	748980	5.613 ug/ml
16) T n-Octacosane (C28)	17.215	776199	5.830 ug/ml
17) T n-Tricontane (C30)	18.102	850207	6.160 ug/ml
18) T n-Dotriacontane (C32)	18.934	1144507	8.286 ug/ml
19) T n-Tetratriacontane (C34)	19.717	846483	6.214 ug/ml
20) T n-Hexatriacontane (C36)	20.456	762016	5.628 ug/ml
21) T n-Octatriacontane (C38)	21.195	652806	4.728 ug/ml
22) T n-Tetracontane (C40)	22.117	746330	5.357 ug/ml

(f)=RT Delta > 1/2 Window

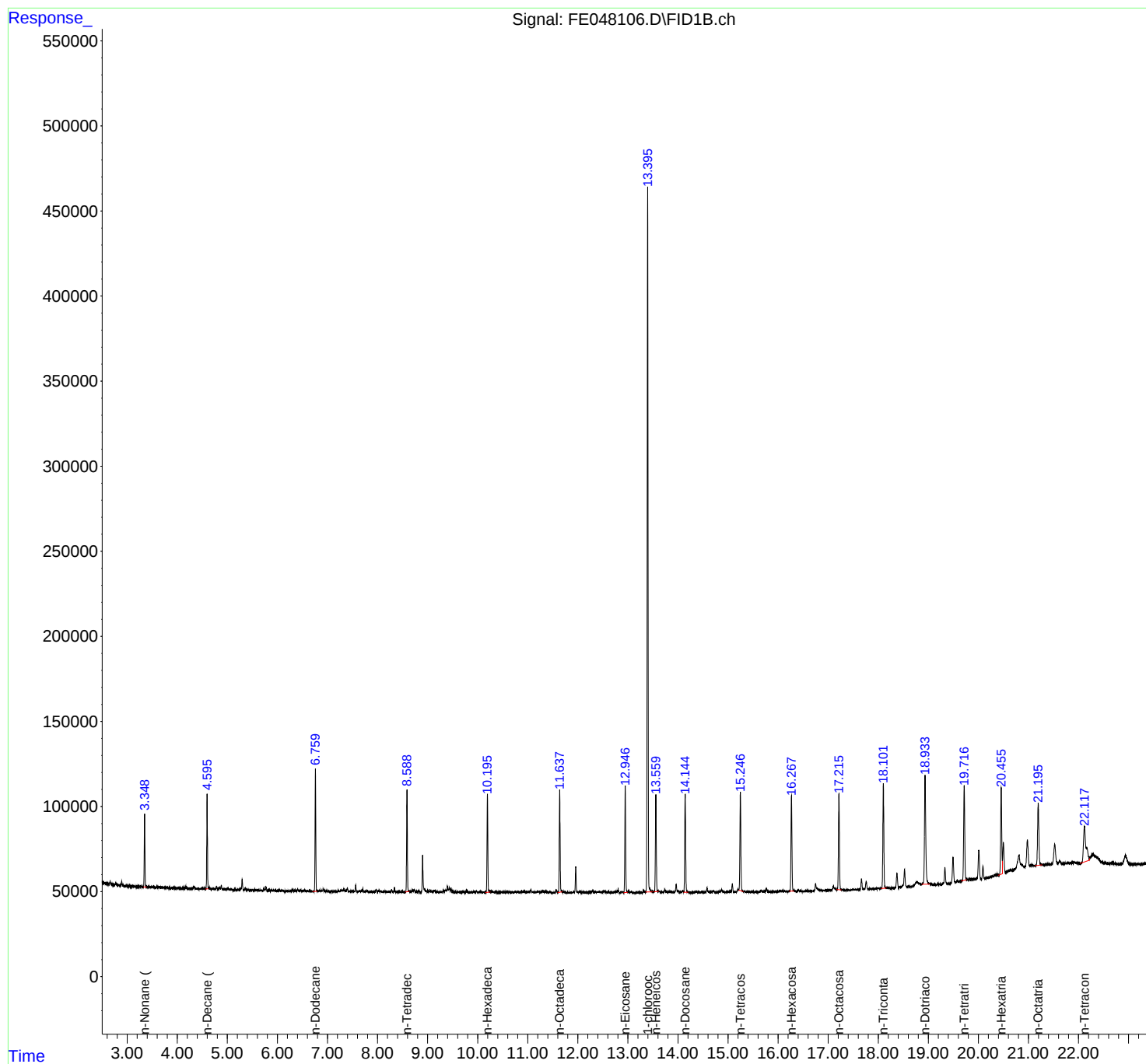
(m)=manual int.

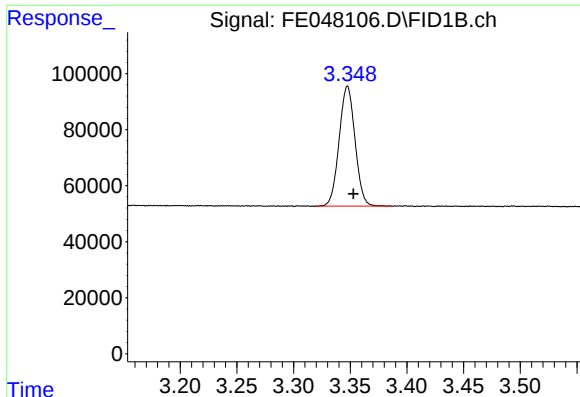
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
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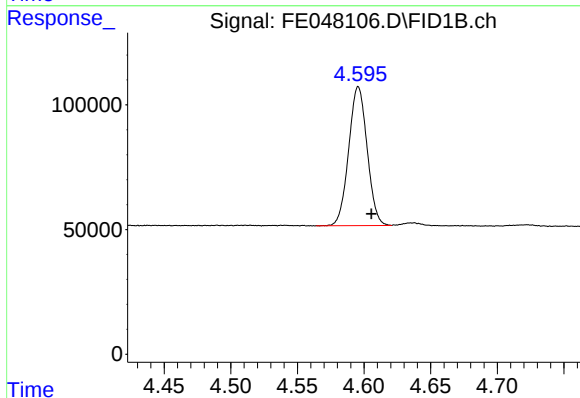




#1 n-Nonane (C9)

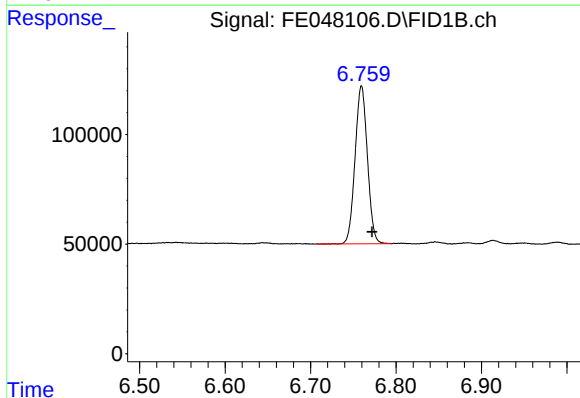
R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 418782
Conc: 3.25 ug/ml

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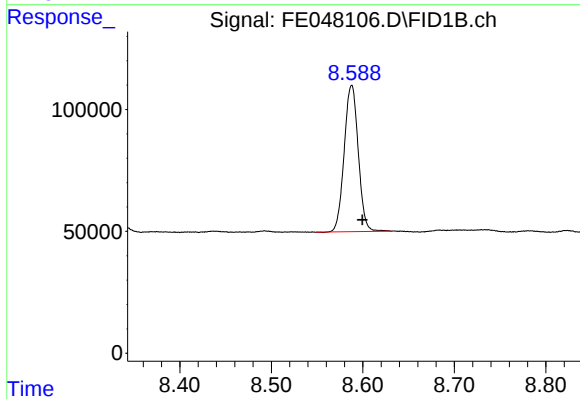
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.010 min
Response: 536205
Conc: 4.07 ug/ml



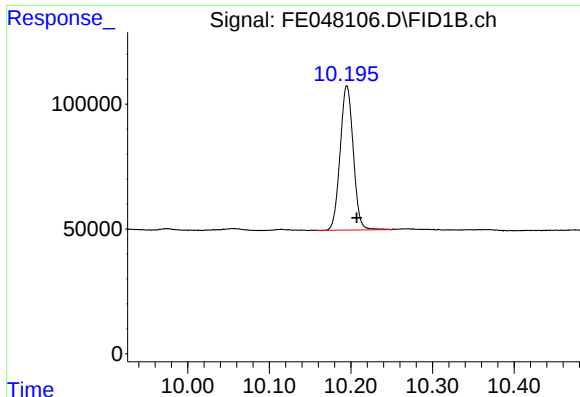
#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 722841
Conc: 5.42 ug/ml



#6 n-Tetradecane (C14)

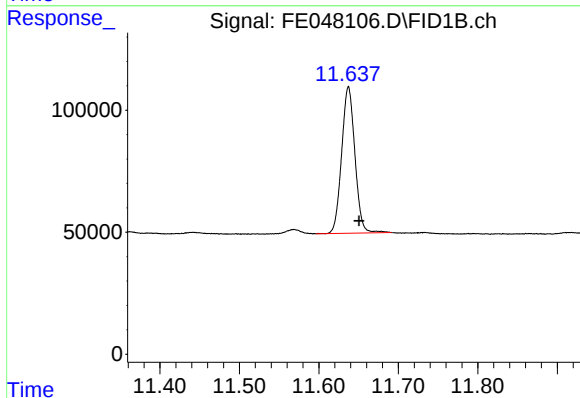
R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 641585
Conc: 4.84 ug/ml



#7 n-Hexadecane (C16)

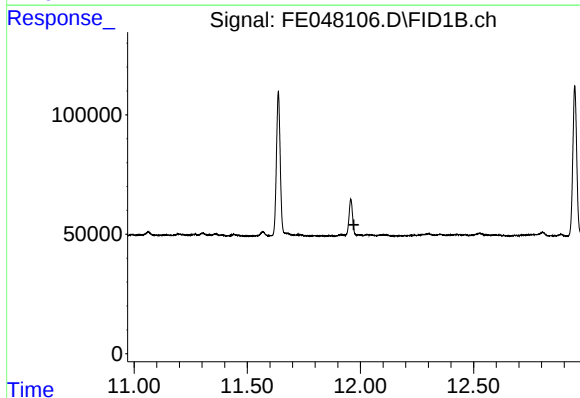
R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 646768
Conc: 4.70 ug/ml

Instrument :
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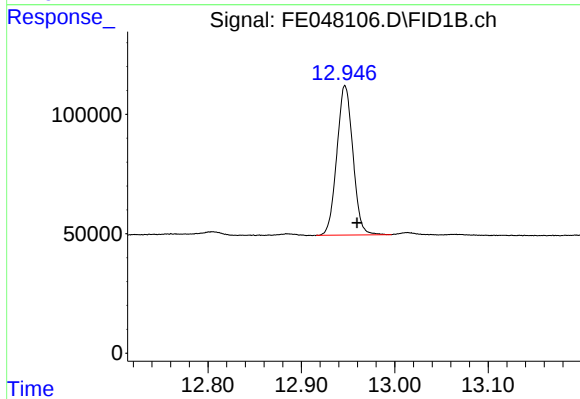
#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.013 min
Response: 696724
Conc: 5.00 ug/ml



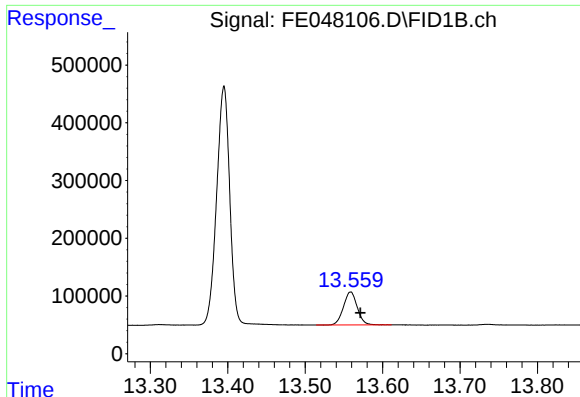
#9 ortho-Terphenyl (SURR)

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: 747467
Conc: 5.55 ug/ml



#11 n-Heneicosane (C21)

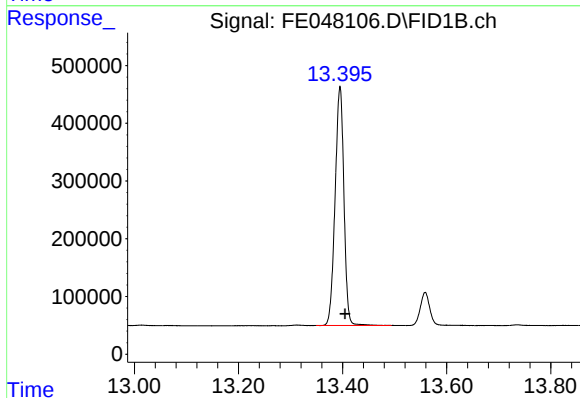
R.T.: 13.559 min
Delta R.T.: -0.012 min
Response: 708203
Conc: 5.35 ug/ml

Instrument :

FID_E

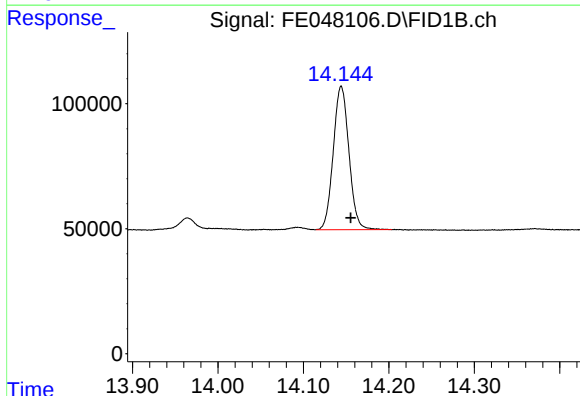
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



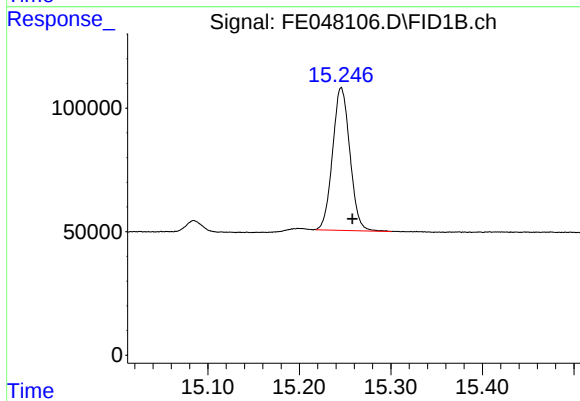
#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4872217
Conc: 43.60 ug/ml



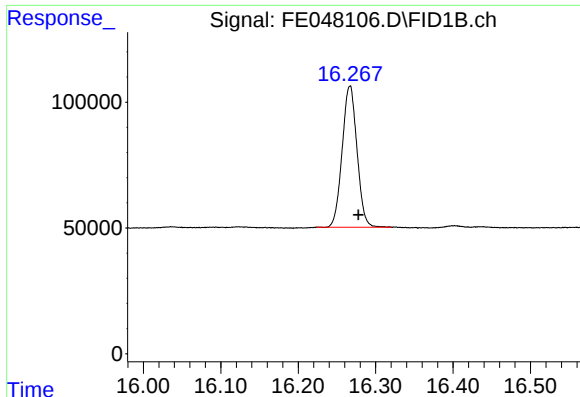
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 731099
Conc: 5.52 ug/ml



#14 n-Tetracosane (C24)

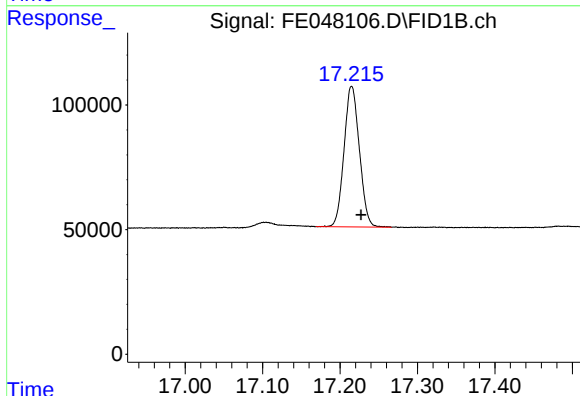
R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 759447
Conc: 5.70 ug/ml



#15 n-Hexacosane (C26)

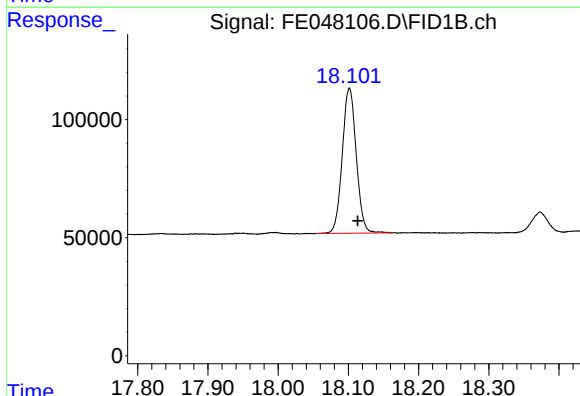
R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 748980
Conc: 5.61 ug/ml

Instrument :
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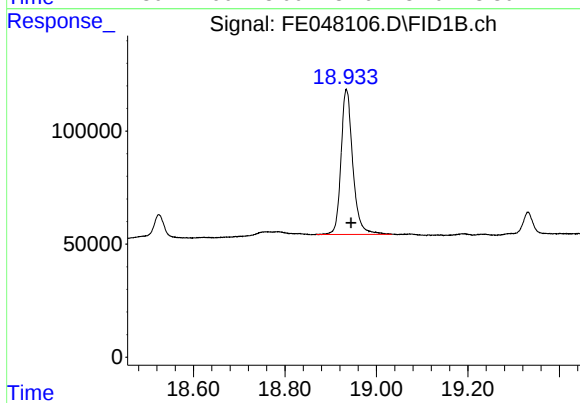
#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: -0.012 min
Response: 776199
Conc: 5.83 ug/ml



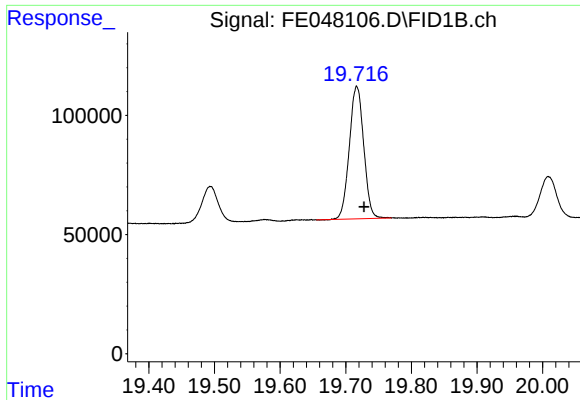
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.012 min
Response: 850207
Conc: 6.16 ug/ml



#18 n-Dotriacontane (C32)

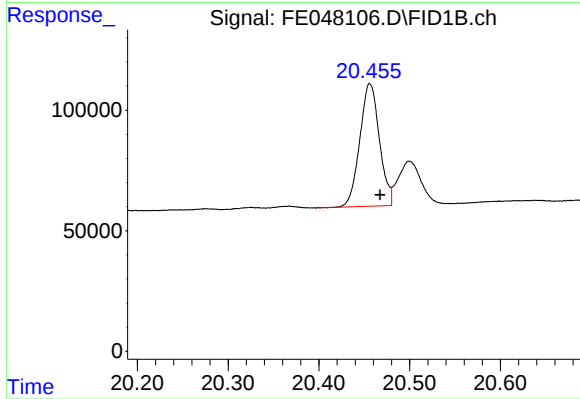
R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 1144507
Conc: 8.29 ug/ml



#19 n-Tetratriacontane (C34)

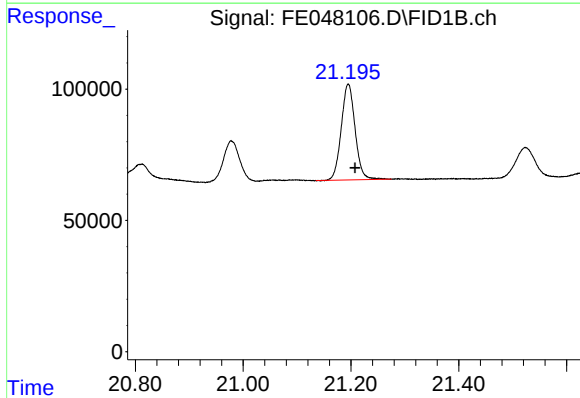
R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 846483
Conc: 6.21 ug/ml

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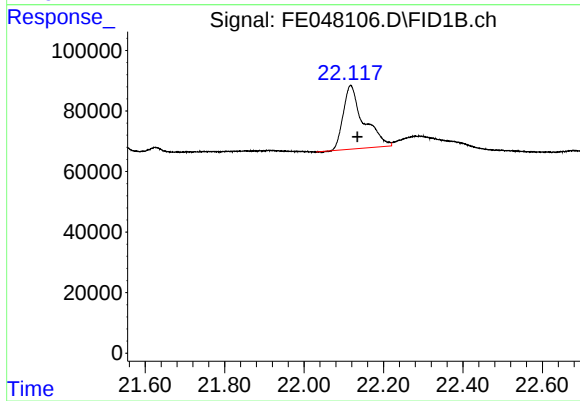
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 762016
Conc: 5.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.013 min
Response: 652806
Conc: 4.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.017 min
Response: 746330
Conc: 5.36 ug/ml