

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020524AL\
 Data File : FE046589.D
 Signal(s) : FID1B.ch
 Acq On : 05 Feb 2024 21:32
 Operator : YP\AJ
 Sample : P1187-09
 Misc : ALIPHATIC MDL 2.5 PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 06 03:16:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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...	13.261	4212734	29.610 ug/ml
Spiked Amount 50.000		Recovery =	59.22%
Target Compounds			
1) T n-Nonane (C9)	3.206	230983	1.430 ug/ml
2) T n-Decane (C10)	4.455	287180	1.752 ug/ml
4) T n-Dodecane (C12)	6.623	429412	2.596 ug/ml
6) T n-Tetradecane (C14)	8.450	357880	2.184 ug/ml
7) T n-Hexadecane (C16)	10.059	351044	2.054 ug/ml
8) T n-Octadecane (C18)	11.502	379879	2.179 ug/ml
10) T n-Eicosane (C20)	12.812	409841	2.414 ug/ml
11) T n-Heneicosane (C21)	13.425	396227	2.376 ug/ml
13) T n-Docosane (C22)	14.012	384782	2.323 ug/ml
14) T n-Tetracosane (C24)	15.118	391828	2.375 ug/ml
15) T n-Hexacosane (C26)	16.139	381060	2.361 ug/ml
16) T n-Octacosane (C28)	17.091	380722	2.425 ug/ml
17) T n-Tricontane (C30)	17.981	379297	2.422 ug/ml
18) T n-Dotriacontane (C32)	18.815	375575	2.485 ug/ml
19) T n-Tetratriacontane (C34)	19.602	367440	2.591 ug/ml
20) T n-Hexatriacontane (C36)	20.344	382600	2.776 ug/ml
21) T n-Octatriacontane (C38)	21.071	448798	3.501 ug/ml
22) T n-Tetracontane (C40)	21.963	553165	4.424 ug/ml

(f)=RT Delta > 1/2 Window

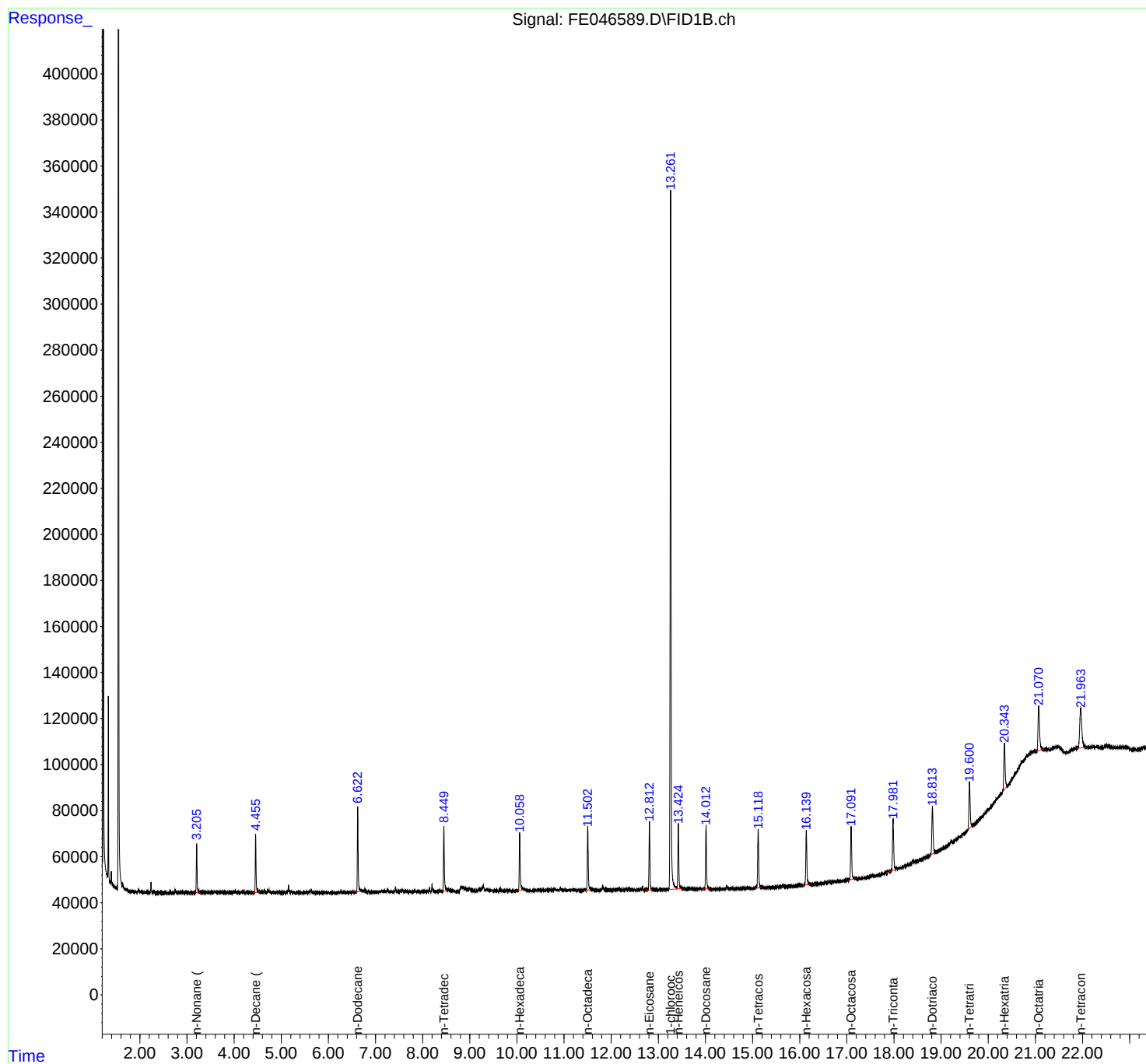
(m)=manual int.

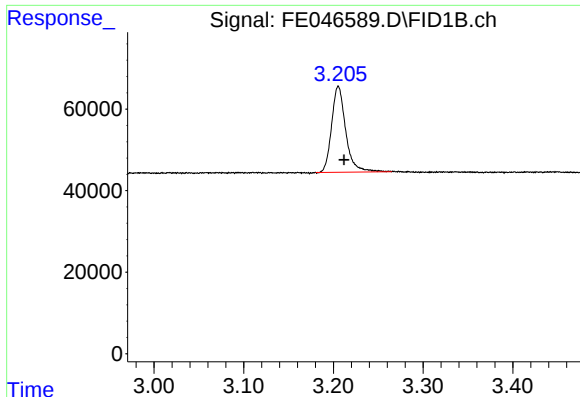
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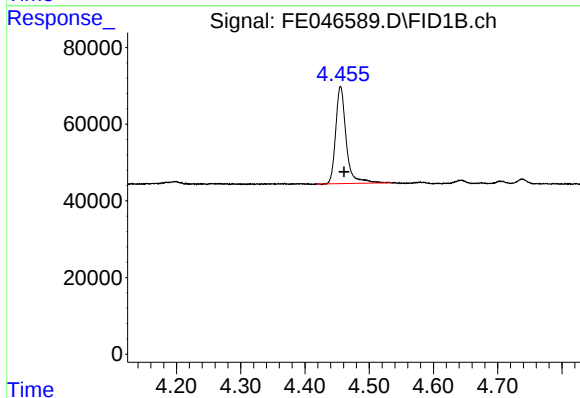




#1 n-Nonane (C9)

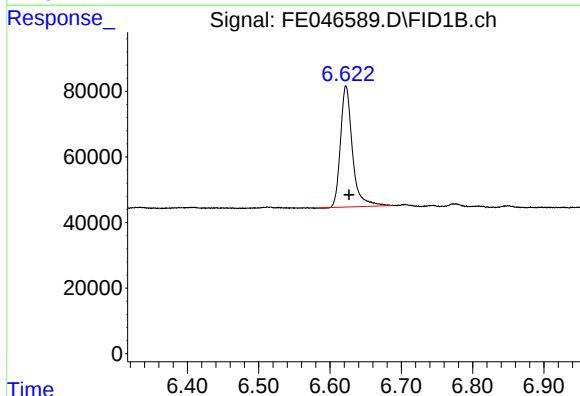
R.T.: 3.206 min
Delta R.T.: -0.006 min
Response: 230983
Conc: 1.43 ug/ml

Instrument :
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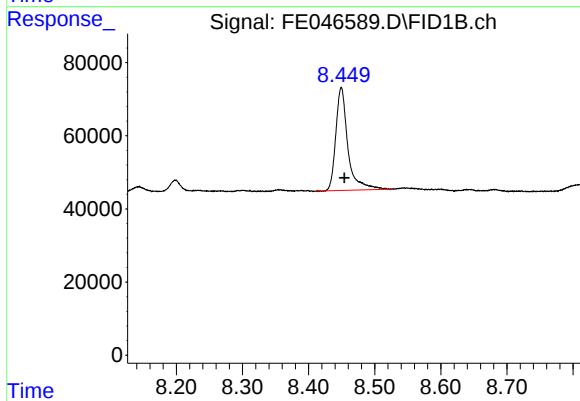
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.005 min
Response: 287180
Conc: 1.75 ug/ml



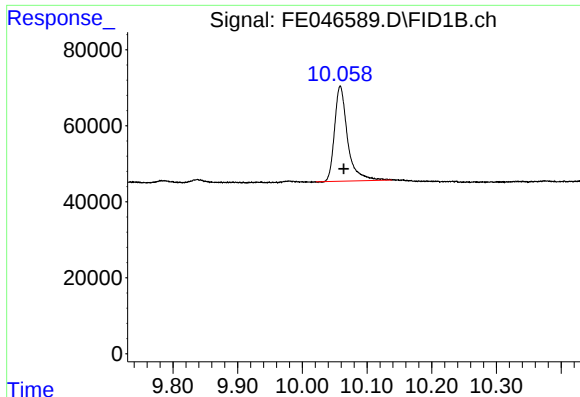
#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 429412
Conc: 2.60 ug/ml



#6 n-Tetradecane (C14)

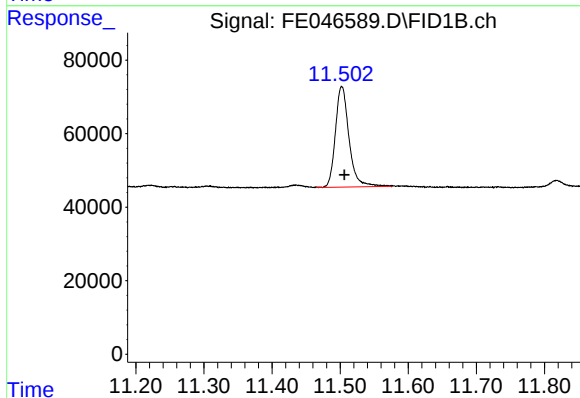
R.T.: 8.450 min
Delta R.T.: -0.004 min
Response: 357880
Conc: 2.18 ug/ml



#7 n-Hexadecane (C16)

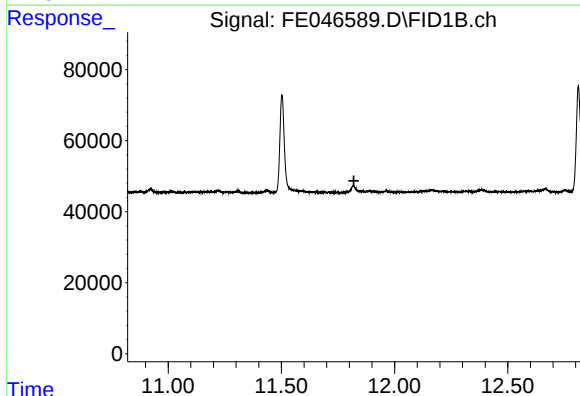
R.T.: 10.059 min
Delta R.T.: -0.005 min
Response: 351044
Conc: 2.05 ug/ml

Instrument :
FID_E
ClientSampleId :
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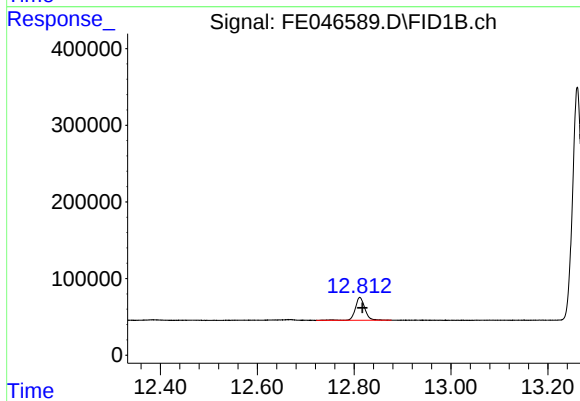
#8 n-Octadecane (C18)

R.T.: 11.502 min
Delta R.T.: -0.004 min
Response: 379879
Conc: 2.18 ug/ml



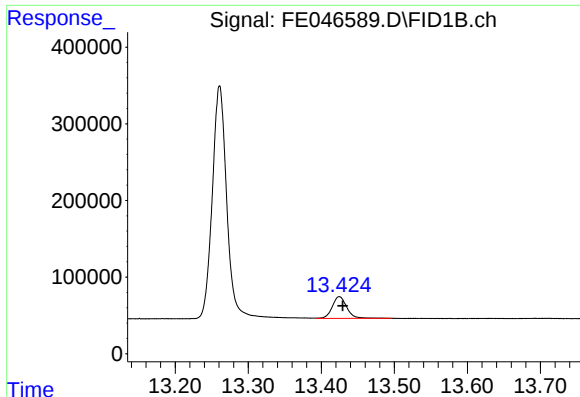
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.820 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

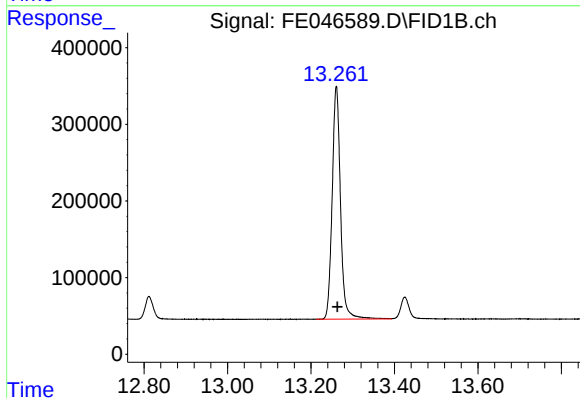
R.T.: 12.812 min
Delta R.T.: -0.005 min
Response: 409841
Conc: 2.41 ug/ml



#11 n-Heneicosane (C21)

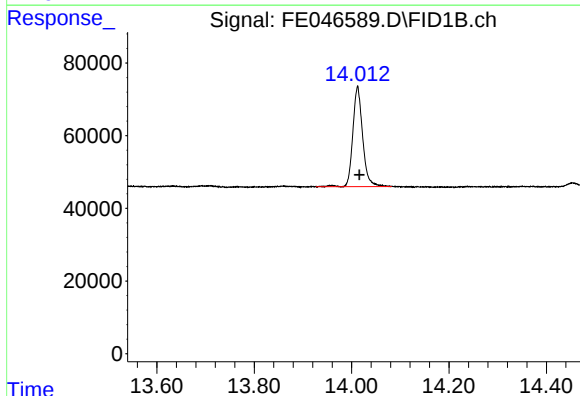
R.T.: 13.425 min
Delta R.T.: -0.005 min
Response: 396227
Conc: 2.38 ug/ml

Instrument :
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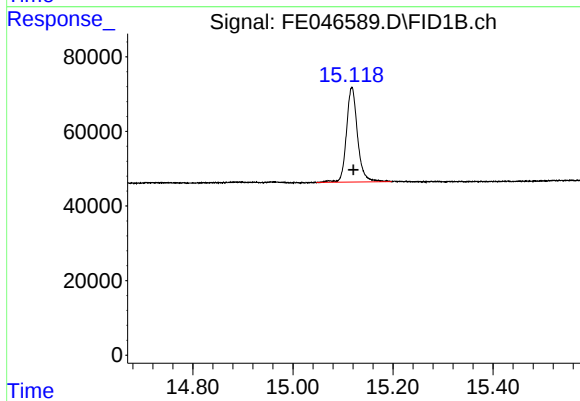
#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 4212734
Conc: 29.61 ug/ml



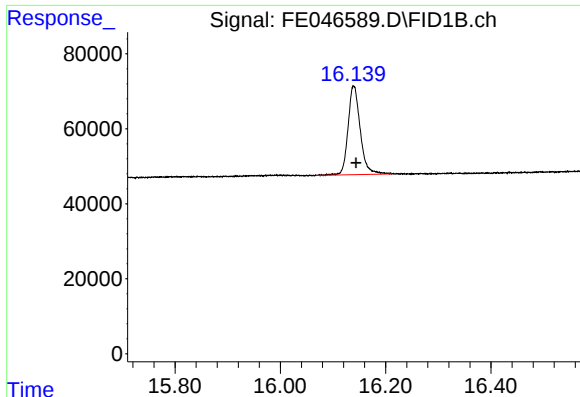
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.004 min
Response: 384782
Conc: 2.32 ug/ml



#14 n-Tetracosane (C24)

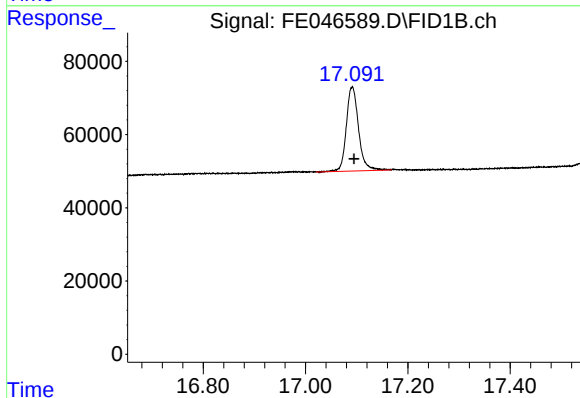
R.T.: 15.118 min
Delta R.T.: -0.003 min
Response: 391828
Conc: 2.37 ug/ml



#15 n-Hexacosane (C26)

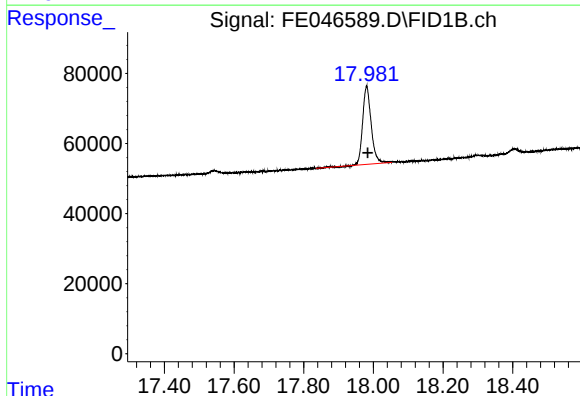
R.T.: 16.139 min
Delta R.T.: -0.005 min
Response: 381060
Conc: 2.36 ug/ml

Instrument :
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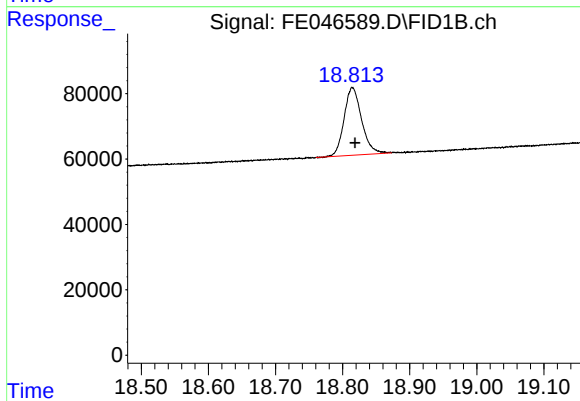
#16 n-Octacosane (C28)

R.T.: 17.091 min
Delta R.T.: -0.003 min
Response: 380722
Conc: 2.43 ug/ml



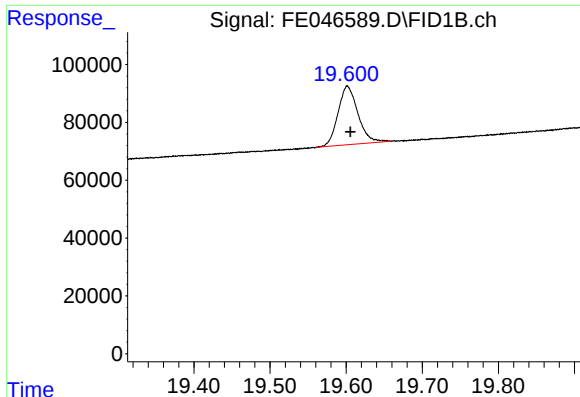
#17 n-Tricontane (C30)

R.T.: 17.981 min
Delta R.T.: -0.003 min
Response: 379297
Conc: 2.42 ug/ml



#18 n-Dotriacontane (C32)

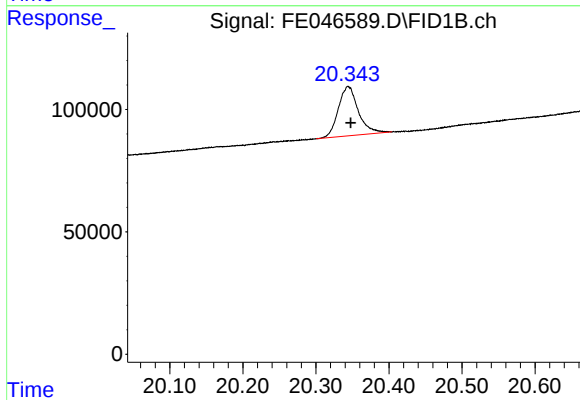
R.T.: 18.815 min
Delta R.T.: -0.004 min
Response: 375575
Conc: 2.48 ug/ml



#19 n-Tetratriacontane (C34)

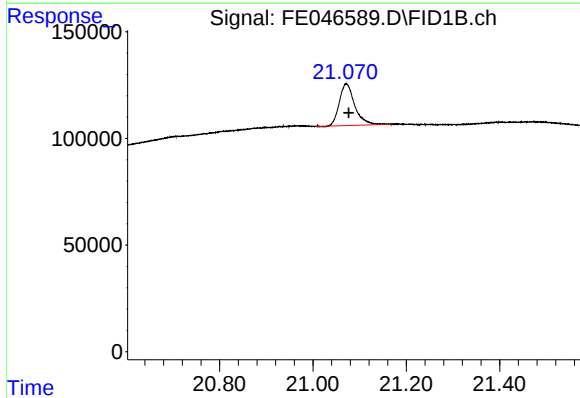
R.T.: 19.602 min
Delta R.T.: -0.004 min
Response: 367440
Conc: 2.59 ug/ml

Instrument :
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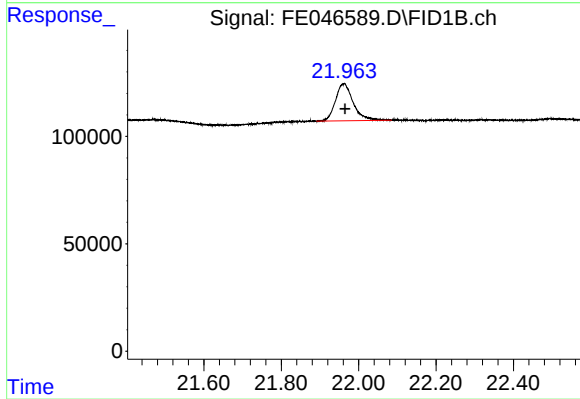
#20 n-Hexatriacontane (C36)

R.T.: 20.344 min
Delta R.T.: -0.004 min
Response: 382600
Conc: 2.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.005 min
Response: 448798
Conc: 3.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.002 min
Response: 553165
Conc: 4.42 ug/ml