

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043798.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 04:39
 Operator : YP\AJ
 Sample : 03572-09
 Misc : MDL 2.5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 07:03:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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...	13.381	7064538	45.272 ug/ml
Spiked Amount 50.000		Recovery =	90.54%
Target Compounds			
1) T n-Nonane (C9)	3.327	395319	2.448 ug/ml
2) T n-Decane (C10)	4.578	391149	2.373 ug/ml
4) T n-Dodecane (C12)	6.741	409659	2.448 ug/ml
6) T n-Tetradecane (C14)	8.568	425497	2.525 ug/ml
7) T n-Hexadecane (C16)	10.176	425809	2.414 ug/ml
8) T n-Octadecane (C18)	11.621	444631	2.455 ug/ml
10) T n-Eicosane (C20)	12.932	427563	2.416 ug/ml
11) T n-Heneicosane (C21)	13.544	422952	2.389 ug/ml
13) T n-Docosane (C22)	14.131	417337	2.379 ug/ml
14) T n-Tetracosane (C24)	15.235	407262	2.318 ug/ml
15) T n-Hexacosane (C26)	16.257	394542	2.283 ug/ml
16) T n-Octacosane (C28)	17.209	406105	2.427 ug/ml
17) T n-Tricontane (C30)	18.097	451694	2.727 ug/ml
18) T n-Dotriacontane (C32)	18.931	469669	2.975 ug/ml
19) T n-Tetratriacontane (C34)	19.717	429624	2.891 ug/ml
20) T n-Hexatriacontane (C36)	20.458	380738	2.724 ug/ml
21) T n-Octatriacontane (C38)	21.200	331754	2.487 ug/ml
22) T n-Tetracontane (C40)	22.126	339863	2.634 ug/ml

(f)=RT Delta > 1/2 Window

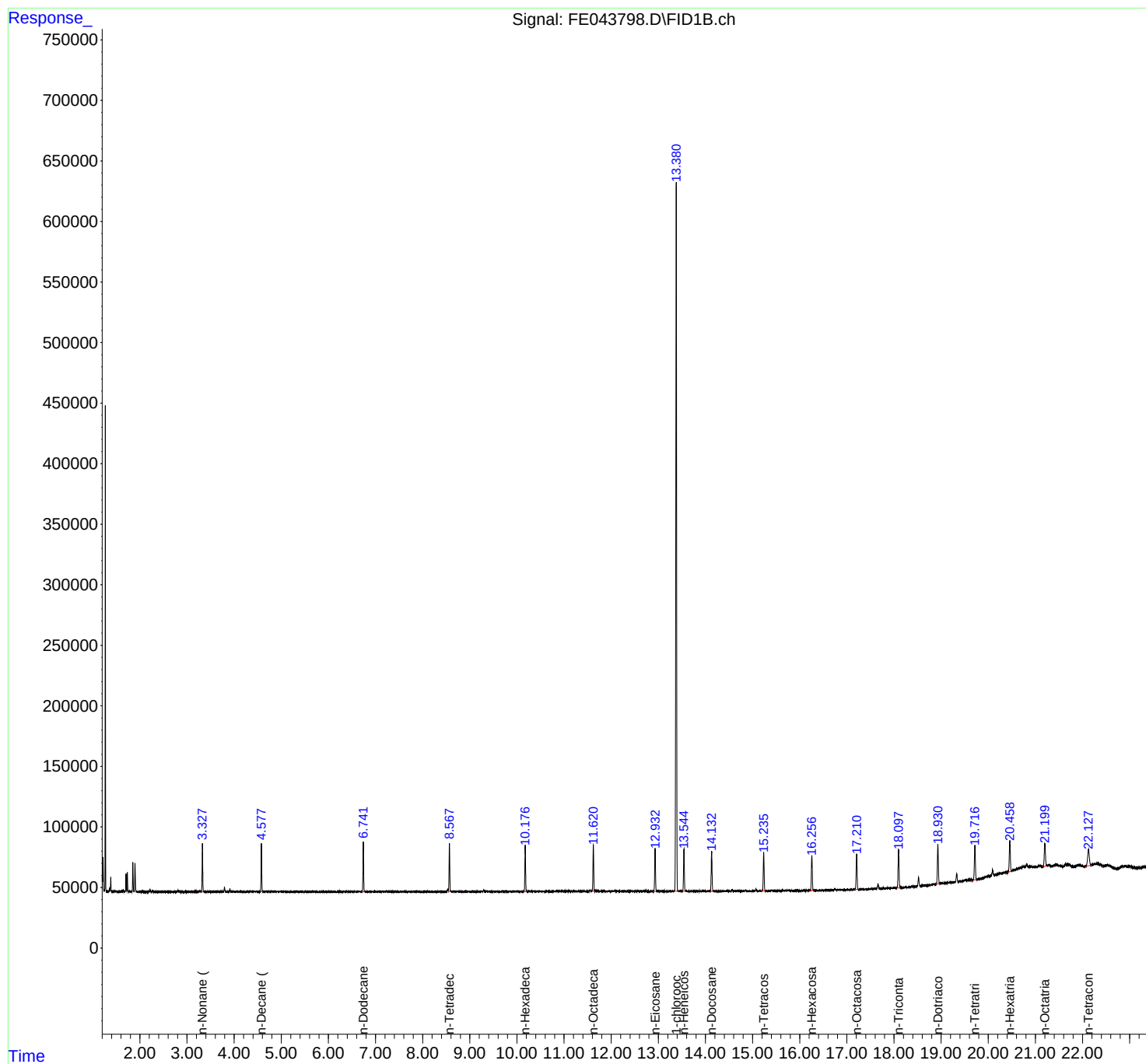
(m)=manual int.

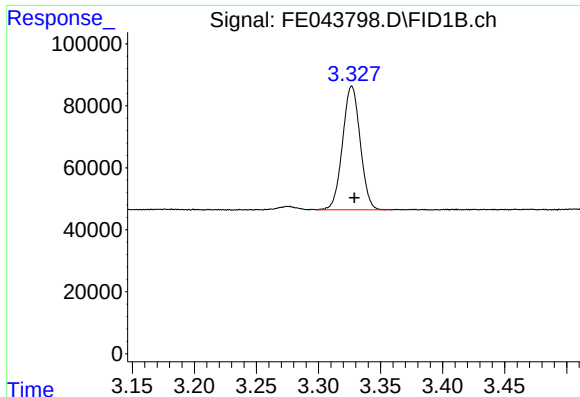
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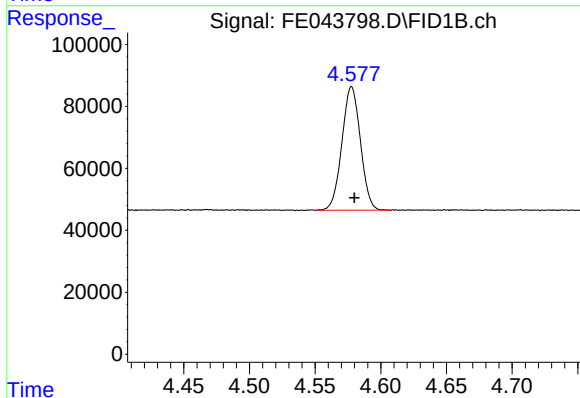




#1 n-Nonane (C9)

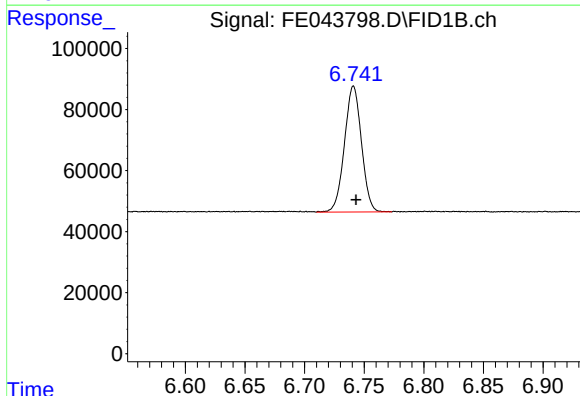
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 395319
Conc: 2.45 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-03-QT3-2023



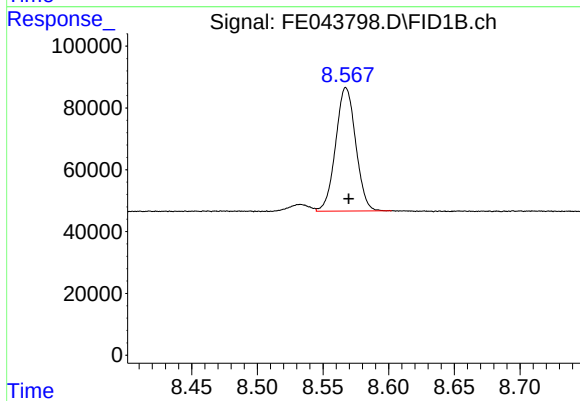
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.002 min
Response: 391149
Conc: 2.37 ug/ml



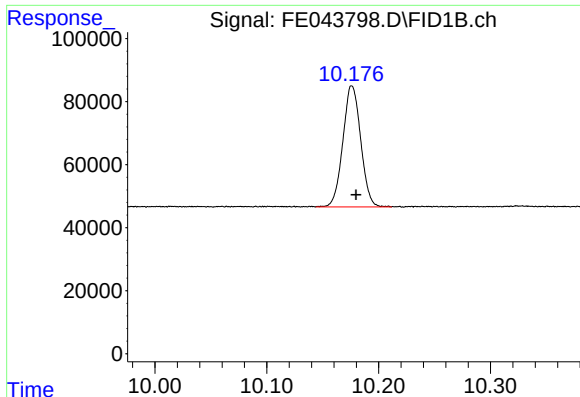
#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 409659
Conc: 2.45 ug/ml



#6 n-Tetradecane (C14)

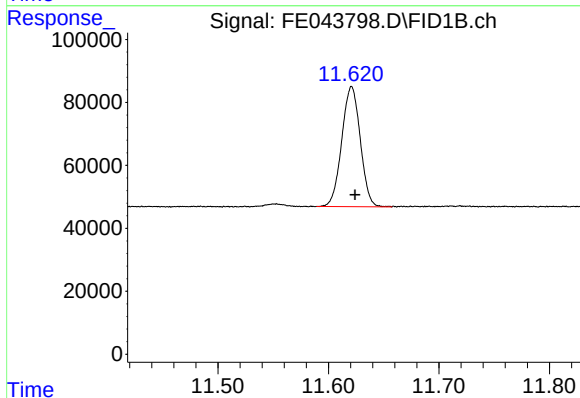
R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 425497
Conc: 2.53 ug/ml



#7 n-Hexadecane (C16)

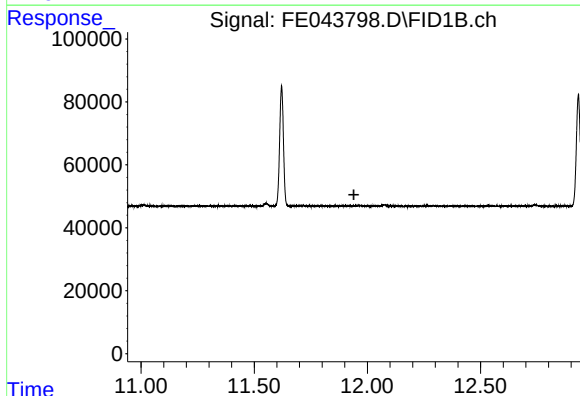
R.T.: 10.176 min
Delta R.T.: -0.004 min
Response: 425809
Conc: 2.41 ug/ml

Instrument :
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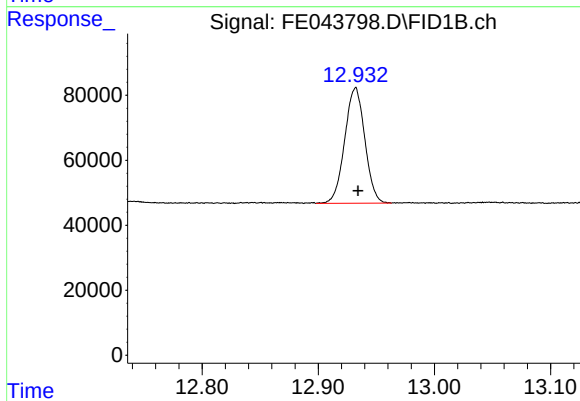
#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.003 min
Response: 444631
Conc: 2.45 ug/ml



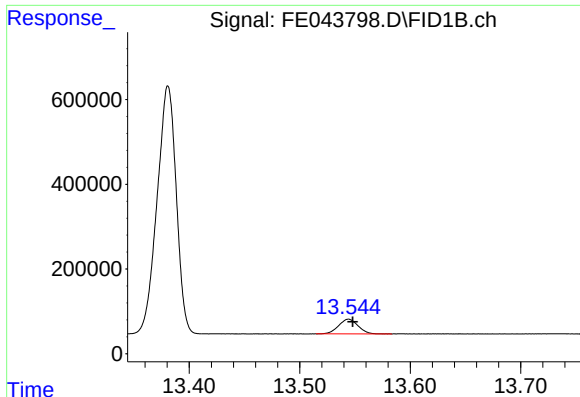
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

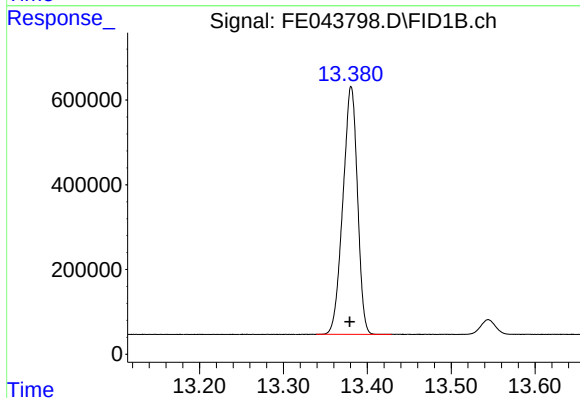
R.T.: 12.932 min
Delta R.T.: -0.002 min
Response: 427563
Conc: 2.42 ug/ml



#11 n-Heneicosane (C21)

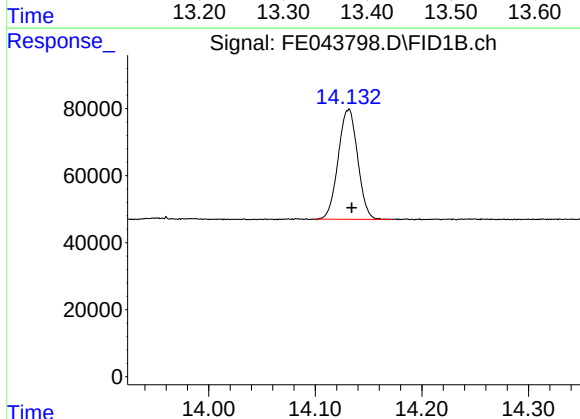
R.T.: 13.544 min
Delta R.T.: -0.004 min
Response: 422952
Conc: 2.39 ug/ml

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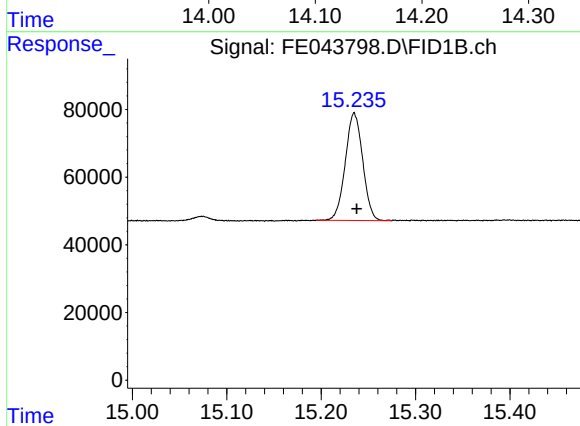
#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 7064538
Conc: 45.27 ug/ml



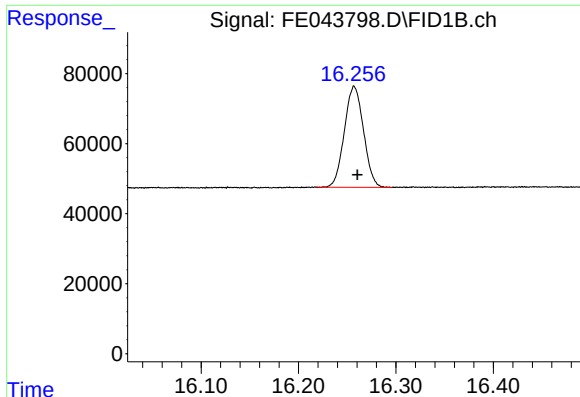
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.003 min
Response: 417337
Conc: 2.38 ug/ml



#14 n-Tetracosane (C24)

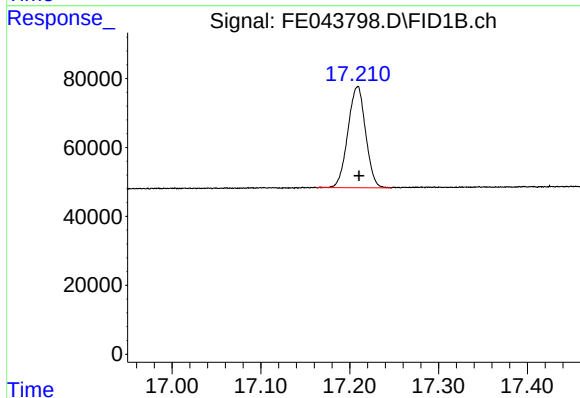
R.T.: 15.235 min
Delta R.T.: -0.003 min
Response: 407262
Conc: 2.32 ug/ml



#15 n-Hexacosane (C26)

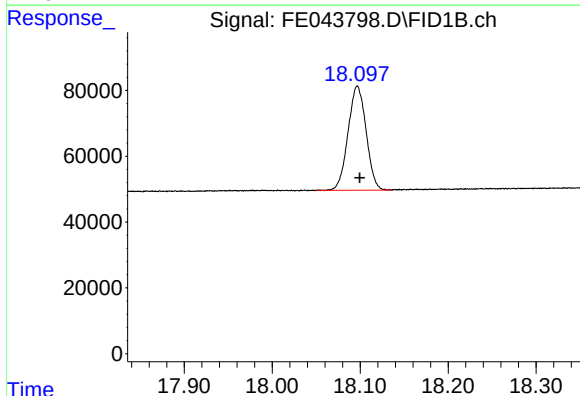
R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 394542
Conc: 2.28 ug/ml

Instrument :
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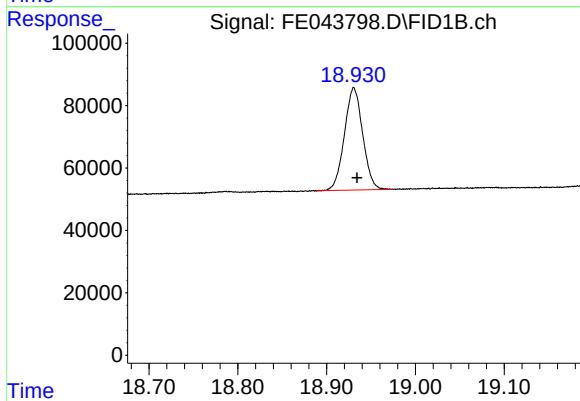
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 406105
Conc: 2.43 ug/ml



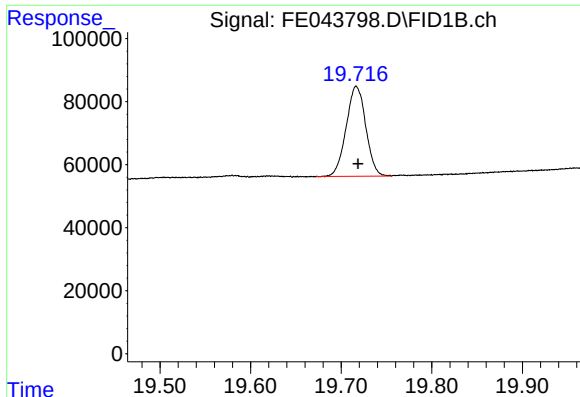
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.003 min
Response: 451694
Conc: 2.73 ug/ml



#18 n-Dotriacontane (C32)

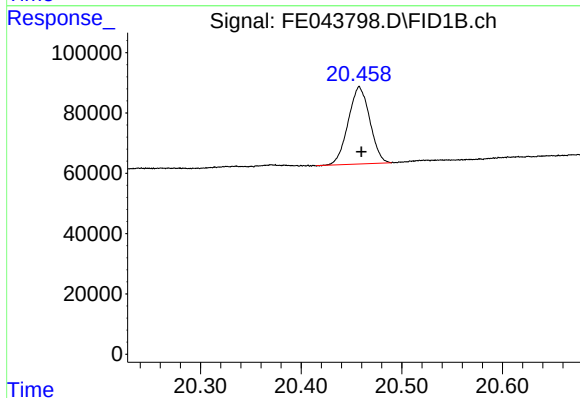
R.T.: 18.931 min
Delta R.T.: -0.004 min
Response: 469669
Conc: 2.97 ug/ml



#19 n-Tetratriacontane (C34)

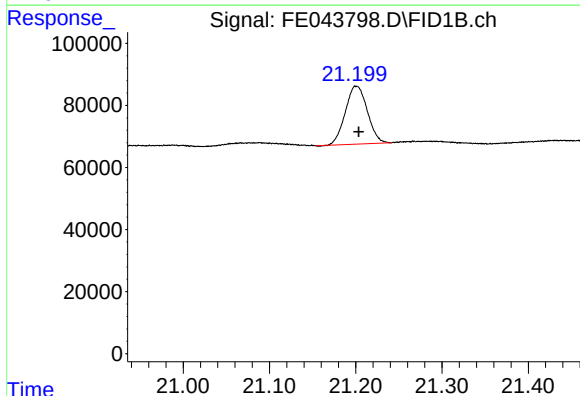
R.T.: 19.717 min
Delta R.T.: -0.002 min
Response: 429624
Conc: 2.89 ug/ml

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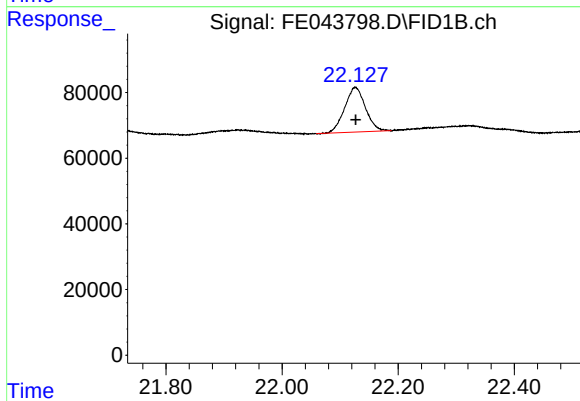
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.002 min
Response: 380738
Conc: 2.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.003 min
Response: 331754
Conc: 2.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.000 min
Response: 339863
Conc: 2.63 ug/ml