

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043777.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 14:21
 Operator : YP\AJ
 Sample : 03572-07
 Misc : LOD 4 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 01:40:52 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...	13.382	6822892	43.723 ug/ml
Spiked Amount 50.000		Recovery =	87.45%
Target Compounds			
1) T n-Nonane (C9)	3.327	556160	3.444 ug/ml
2) T n-Decane (C10)	4.579	538476	3.267 ug/ml
4) T n-Dodecane (C12)	6.742	560876	3.351 ug/ml
6) T n-Tetradecane (C14)	8.570	588563	3.493 ug/ml
7) T n-Hexadecane (C16)	10.178	583445	3.308 ug/ml
8) T n-Octadecane (C18)	11.622	612138	3.379 ug/ml
10) T n-Eicosane (C20)	12.933	588545	3.326 ug/ml
11) T n-Heneicosane (C21)	13.545	586426	3.312 ug/ml
13) T n-Docosane (C22)	14.132	580593	3.310 ug/ml
14) T n-Tetracosane (C24)	15.236	566135	3.222 ug/ml
15) T n-Hexacosane (C26)	16.257	549391	3.179 ug/ml
16) T n-Octacosane (C28)	17.210	532625	3.183 ug/ml
17) T n-Tricontane (C30)	18.099	518984	3.133 ug/ml
18) T n-Dotriacontane (C32)	18.933	506663	3.209 ug/ml
19) T n-Tetratriacontane (C34)	19.718	479576	3.227 ug/ml
20) T n-Hexatriacontane (C36)	20.458	455961	3.262 ug/ml
21) T n-Octatriacontane (C38)	21.203	424349	3.181 ug/ml
22) T n-Tetracontane (C40)	22.123	465536	3.608 ug/ml

(f)=RT Delta > 1/2 Window

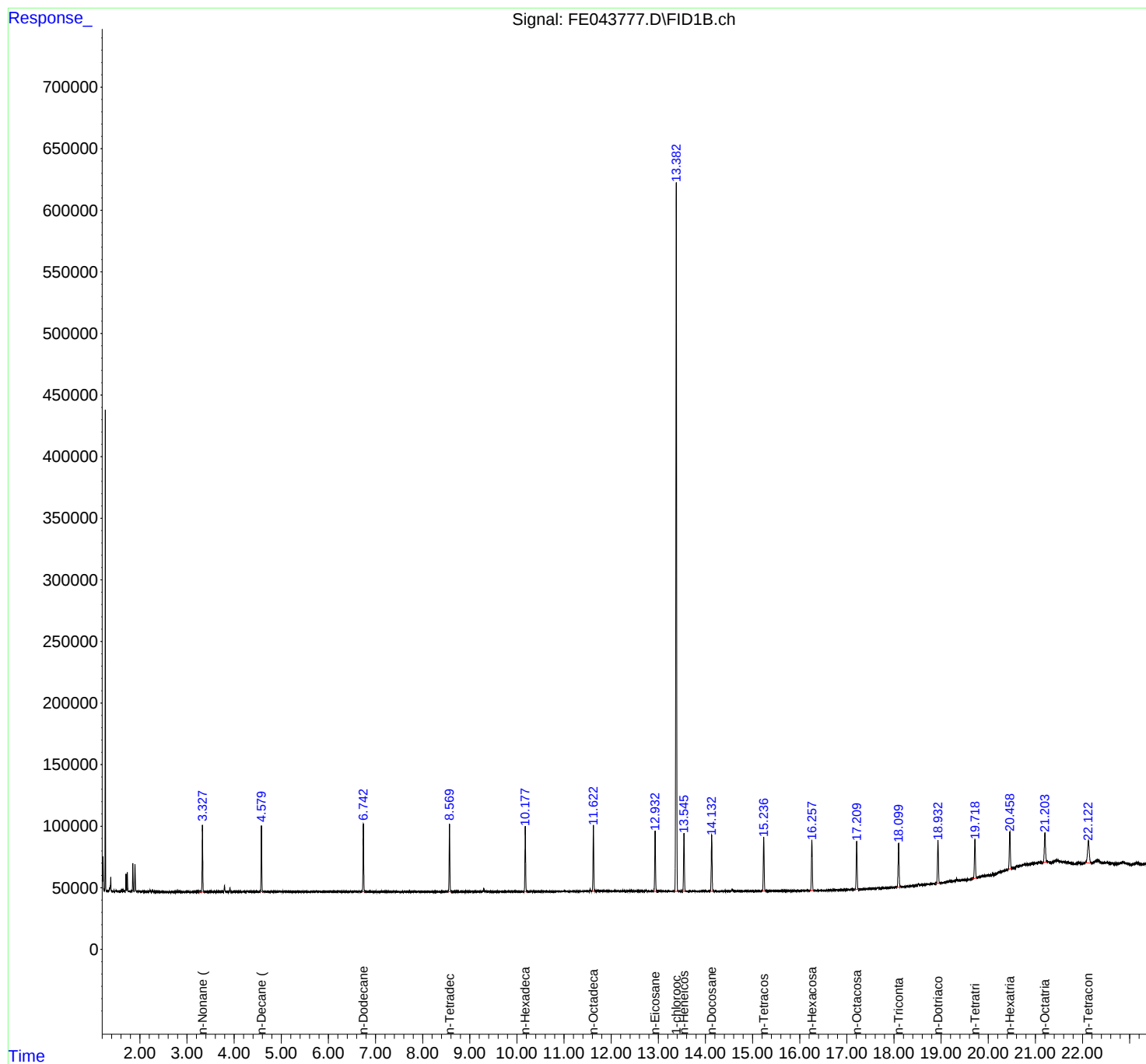
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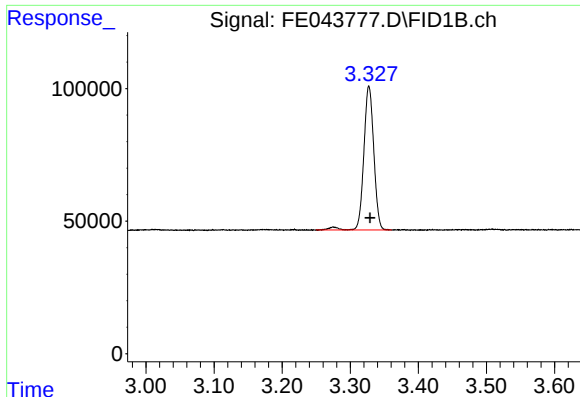
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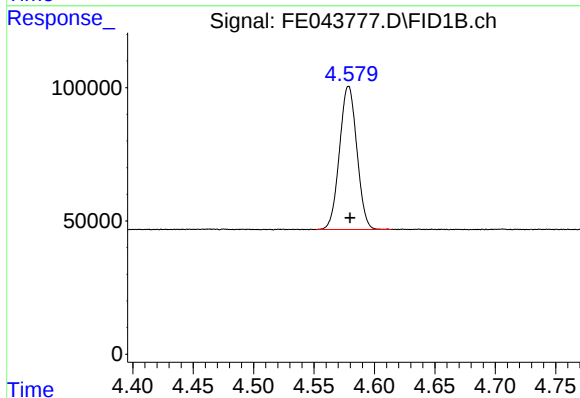




#1 n-Nonane (C9)

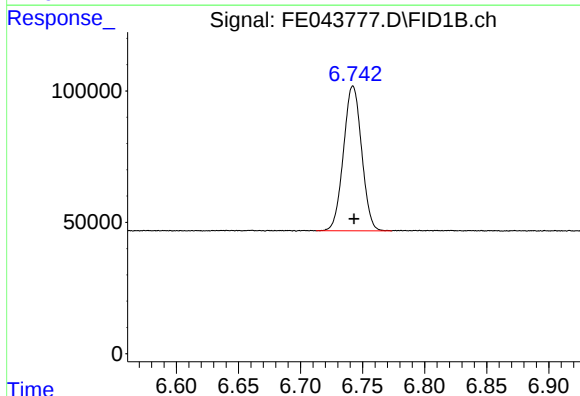
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 556160
Conc: 3.44 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



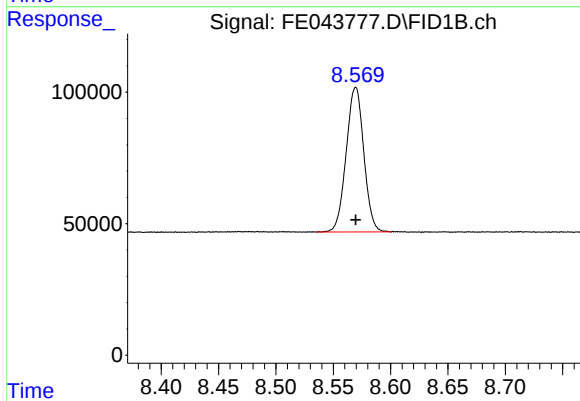
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 538476
Conc: 3.27 ug/ml



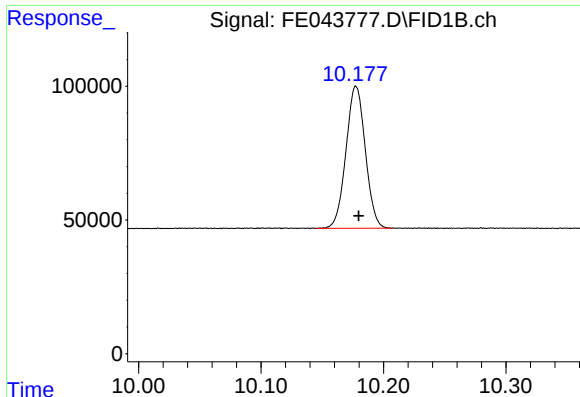
#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 560876
Conc: 3.35 ug/ml



#6 n-Tetradecane (C14)

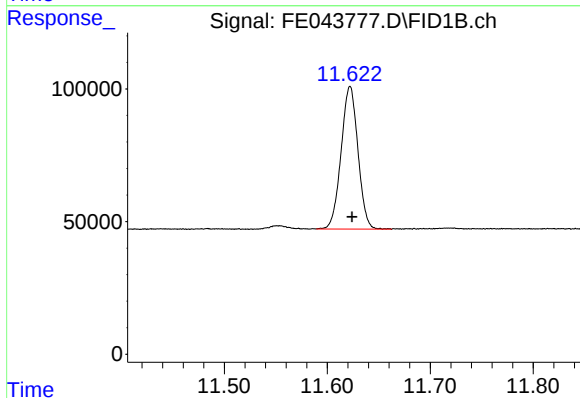
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 588563
Conc: 3.49 ug/ml



#7 n-Hexadecane (C16)

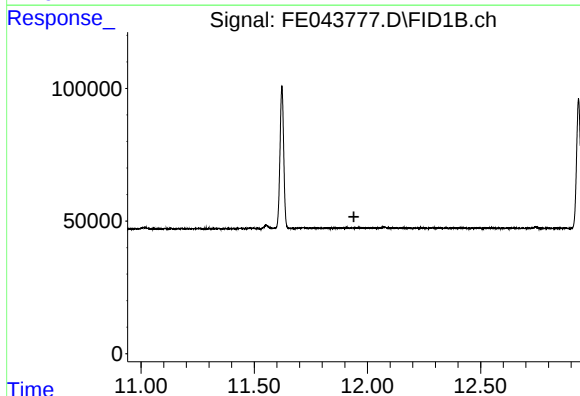
R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 583445
Conc: 3.31 ug/ml

Instrument :
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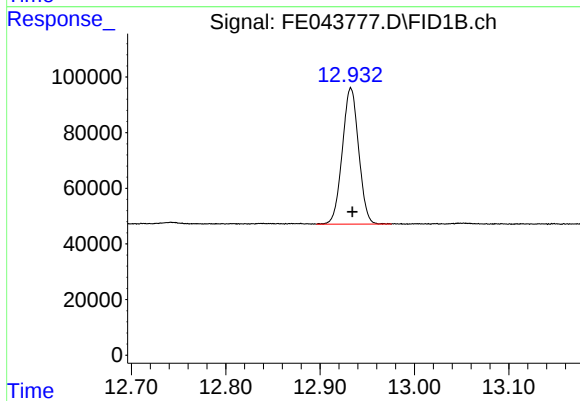
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 612138
Conc: 3.38 ug/ml



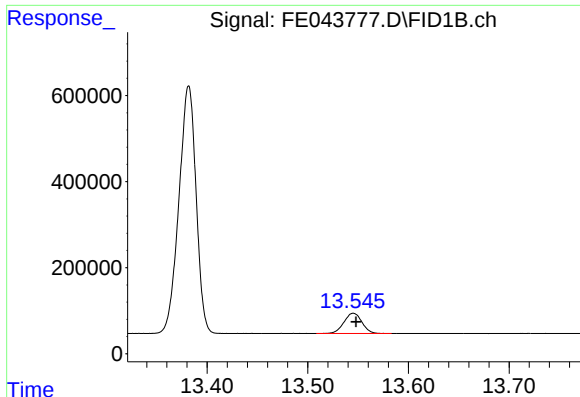
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

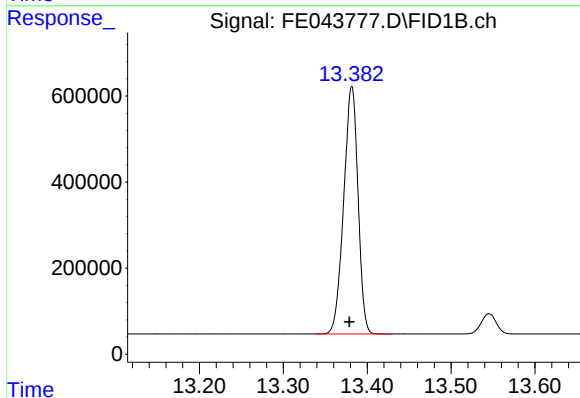
R.T.: 12.933 min
Delta R.T.: -0.002 min
Response: 588545
Conc: 3.33 ug/ml



#11 n-Heneicosane (C21)

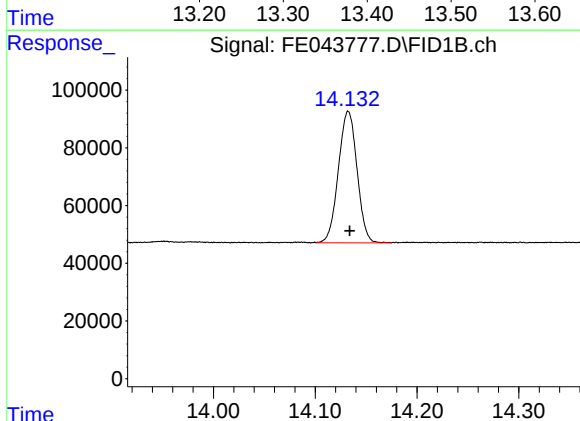
R.T.: 13.545 min
Delta R.T.: -0.003 min
Response: 586426
Conc: 3.31 ug/ml

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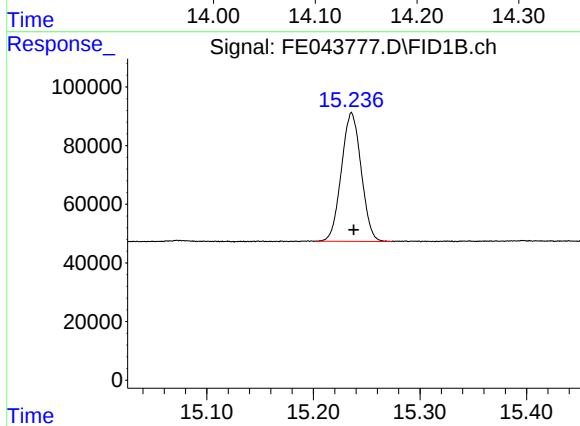
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 6822892
Conc: 43.72 ug/ml



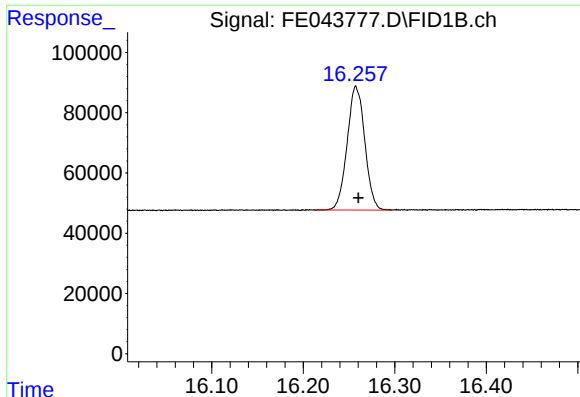
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 580593
Conc: 3.31 ug/ml



#14 n-Tetracosane (C24)

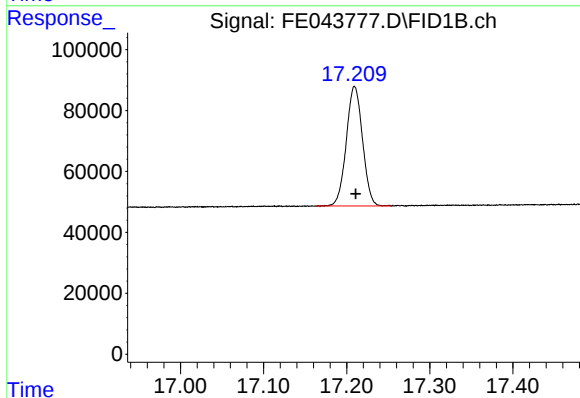
R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 566135
Conc: 3.22 ug/ml



#15 n-Hexacosane (C26)

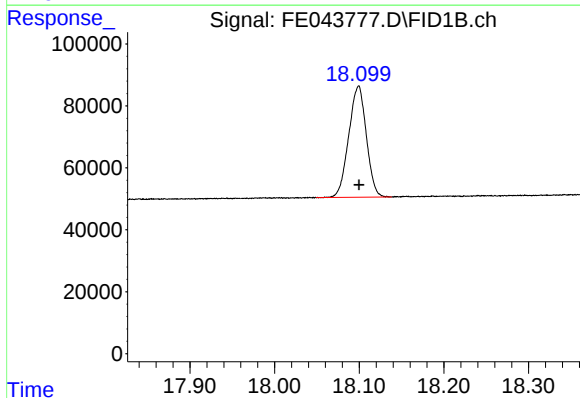
R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 549391
Conc: 3.18 ug/ml

Instrument :
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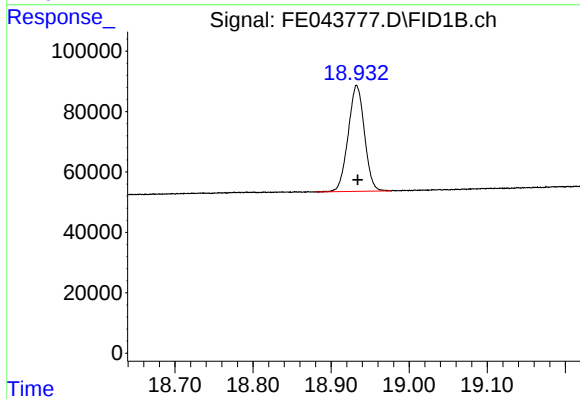
#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.001 min
Response: 532625
Conc: 3.18 ug/ml



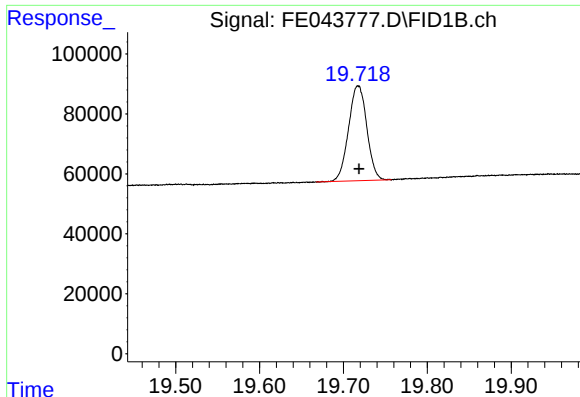
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 518984
Conc: 3.13 ug/ml



#18 n-Dotriacontane (C32)

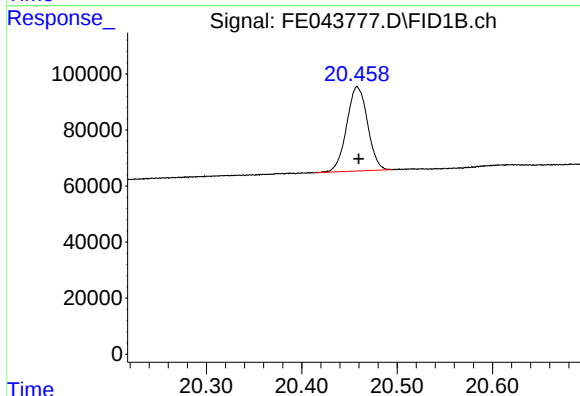
R.T.: 18.933 min
Delta R.T.: -0.001 min
Response: 506663
Conc: 3.21 ug/ml



#19 n-Tetratriacontane (C34)

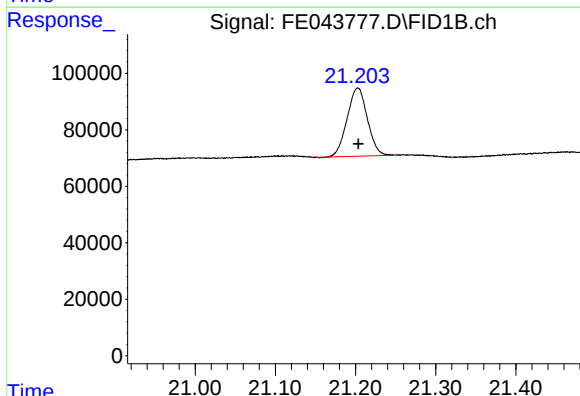
R.T.: 19.718 min
Delta R.T.: -0.001 min
Response: 479576
Conc: 3.23 ug/ml

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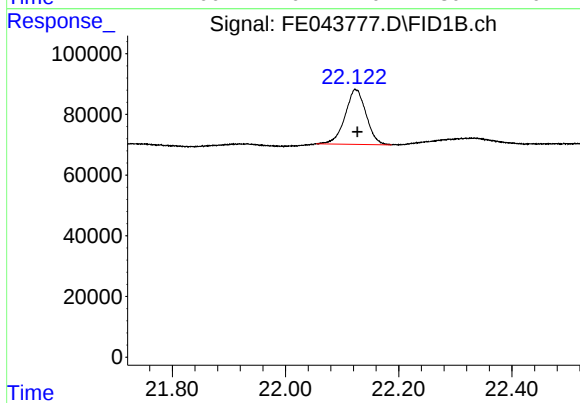
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.002 min
Response: 455961
Conc: 3.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 424349
Conc: 3.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.004 min
Response: 465536
Conc: 3.61 ug/ml