

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043794.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 01:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 02:10:48 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			
9) S ortho-Terphenyl (SURR)	11.940	3773920	18.313 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.379	2833507	18.158 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.329	3088436	19.125 ug/ml
2) T n-Decane (C10)	4.579	3162792	19.190 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3489740	19.167 ug/ml
4) T n-Dodecane (C12)	6.743	3213814	19.203 ug/ml
5) T A~2-methylnaphthalene...	7.374	3398773	19.091 ug/ml
6) T n-Tetradecane (C14)	8.570	3228471	19.162 ug/ml
7) T n-Hexadecane (C16)	10.179	3348048	18.980 ug/ml
8) T n-Octadecane (C18)	11.624	3393499	18.733 ug/ml
10) T n-Eicosane (C20)	12.934	3262208	18.434 ug/ml
11) T n-Heneicosane (C21)	13.548	3201295	18.080 ug/ml
13) T n-Docosane (C22)	14.135	3171689	18.082 ug/ml
14) T n-Tetracosane (C24)	15.238	3106329	17.680 ug/ml
15) T n-Hexacosane (C26)	16.261	2985718	17.275 ug/ml
16) T n-Octacosane (C28)	17.212	2839387	16.970 ug/ml
17) T n-Tricontane (C30)	18.099	2814126	16.991 ug/ml
18) T n-Dotriacontane (C32)	18.935	2717943	17.214 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2613521	17.588 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2514673	17.990 ug/ml
21) T n-Octatriacontane (C38)	21.204	2464803	18.476 ug/ml
22) T n-Tetracontane (C40)	22.132	2521924	19.546 ug/ml

(f)=RT Delta > 1/2 Window

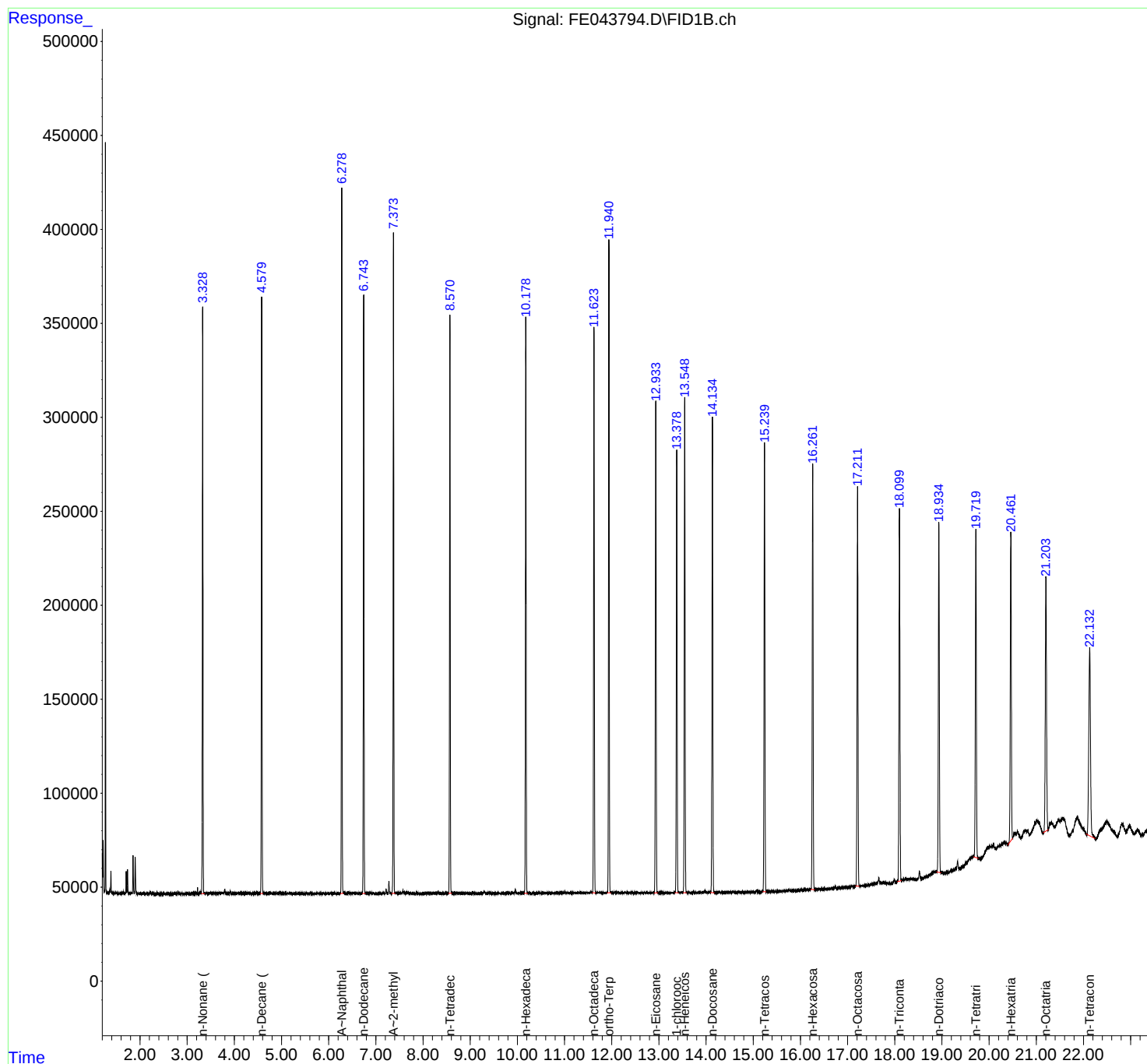
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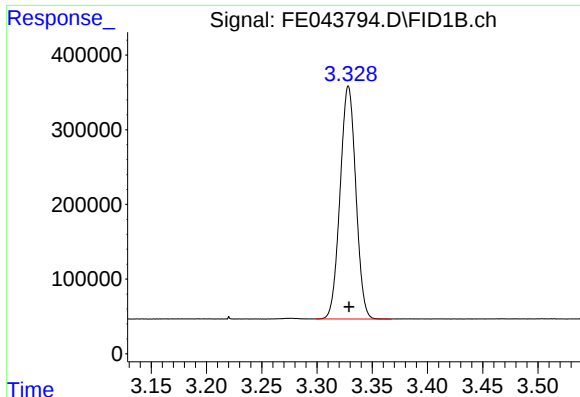
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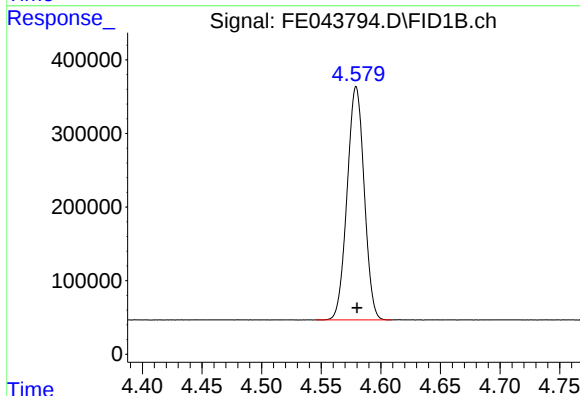




#1 n-Nonane (C9)

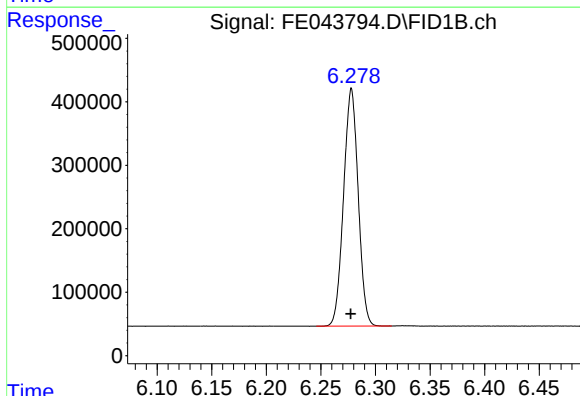
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3088436
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



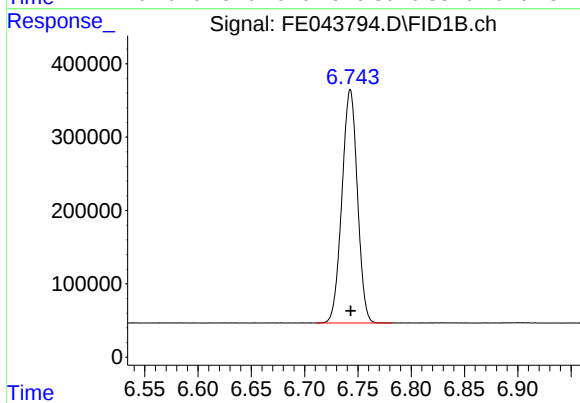
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 3162792
Conc: 19.19 ug/ml



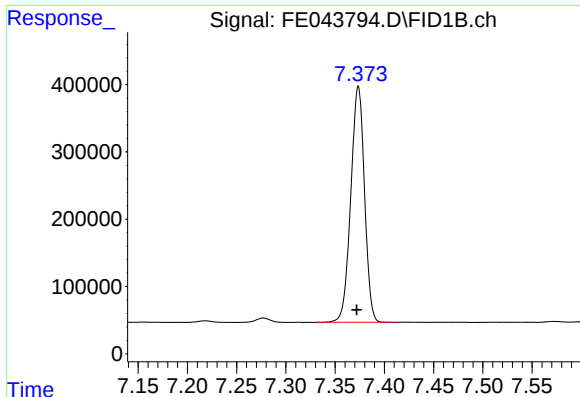
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3489740
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

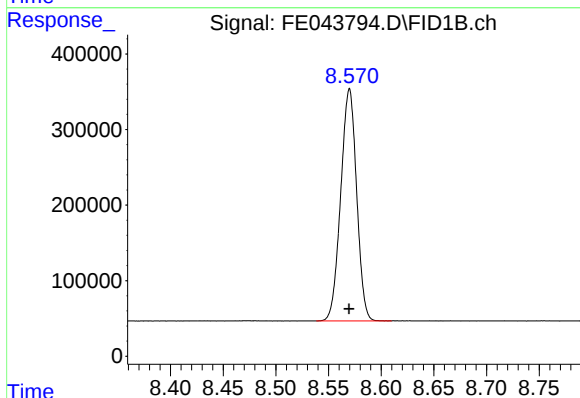
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3213814
Conc: 19.20 ug/ml



#5 A~2-methylnaphthalene (C12.89)

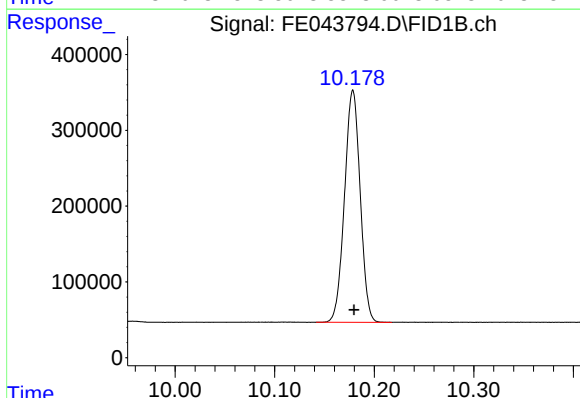
R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 3398773
Conc: 19.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



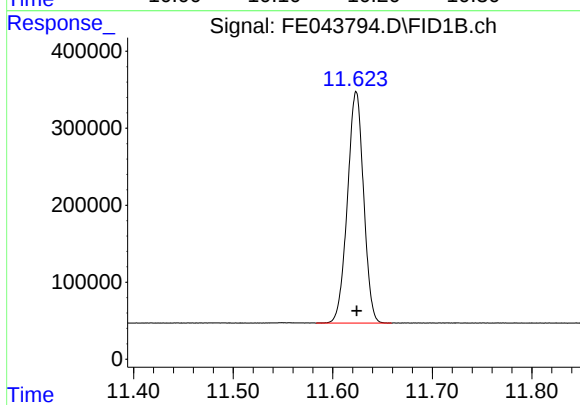
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3228471
Conc: 19.16 ug/ml



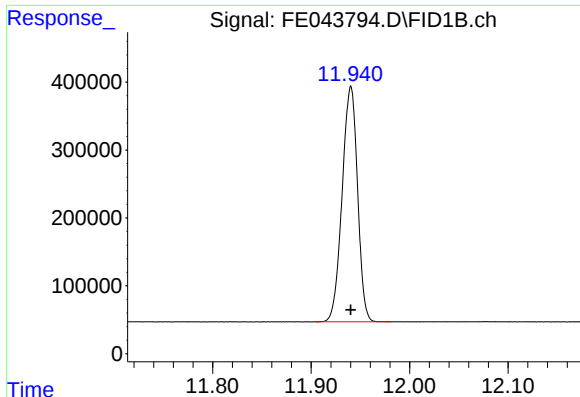
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 3348048
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

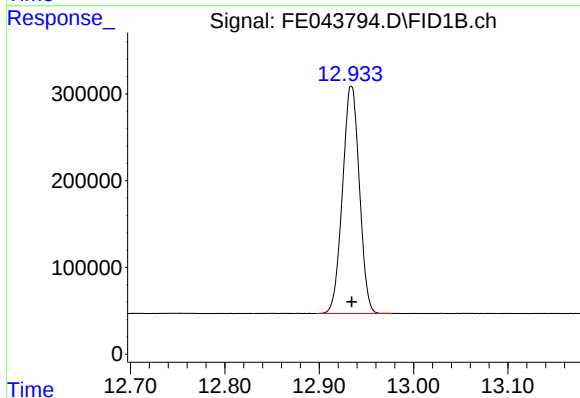
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3393499
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

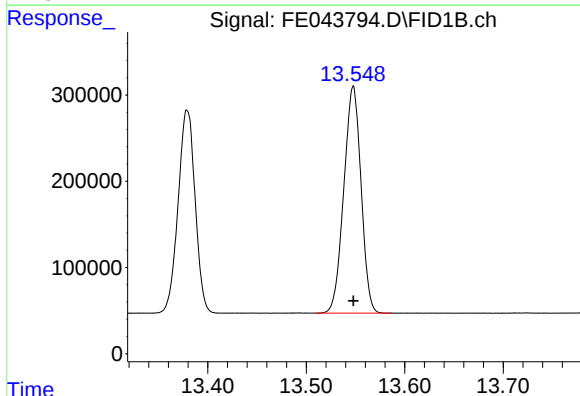
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 3773920
Conc: 18.31 ug/ml

Instrument :
FID_E
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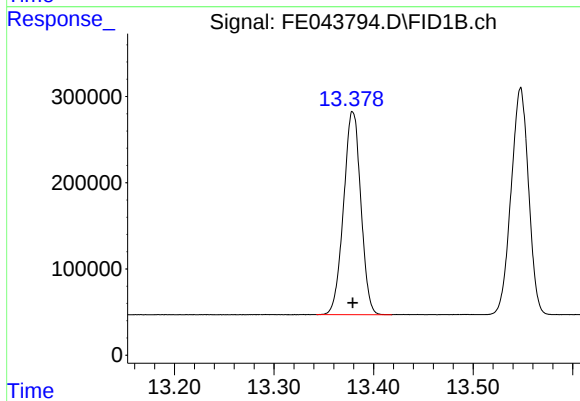
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3262208
Conc: 18.43 ug/ml



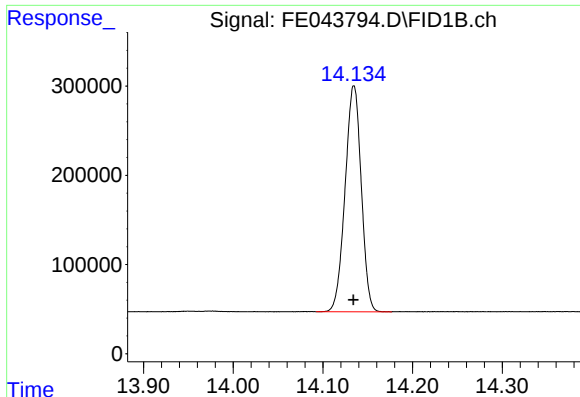
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3201295
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

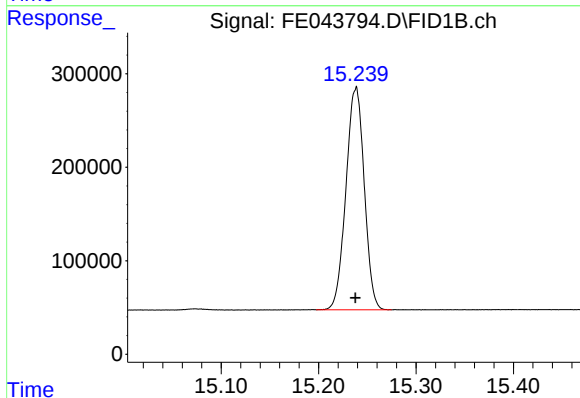
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 2833507
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

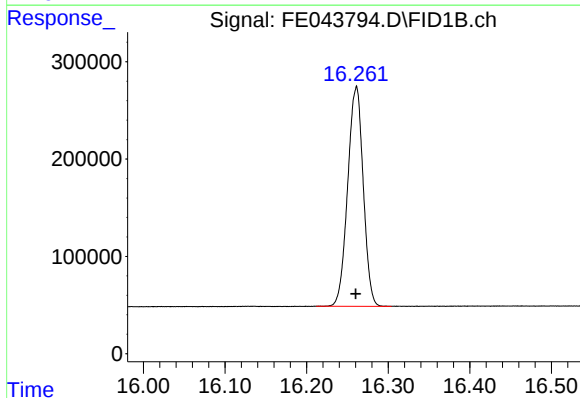
R.T.: 14.135 min
Delta R.T.: 0.000 min
Response: 3171689
Conc: 18.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



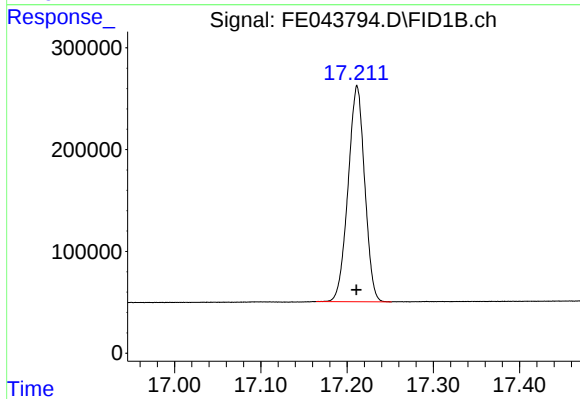
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3106329
Conc: 17.68 ug/ml



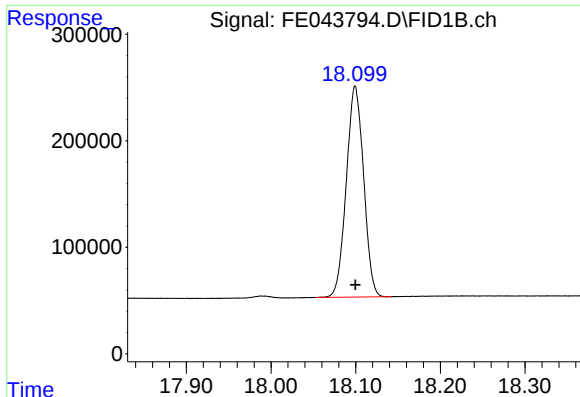
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 2985718
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

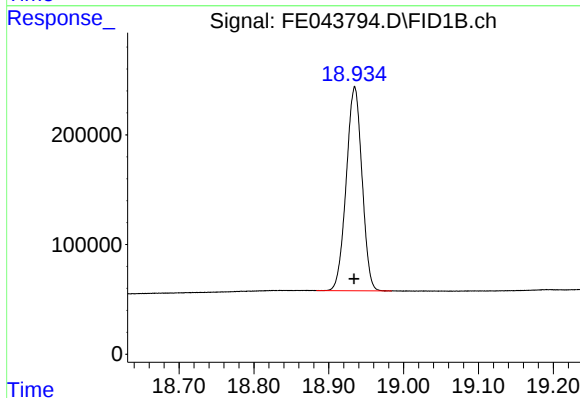
R.T.: 17.212 min
Delta R.T.: 0.001 min
Response: 2839387
Conc: 16.97 ug/ml



#17 n-Tricontane (C30)

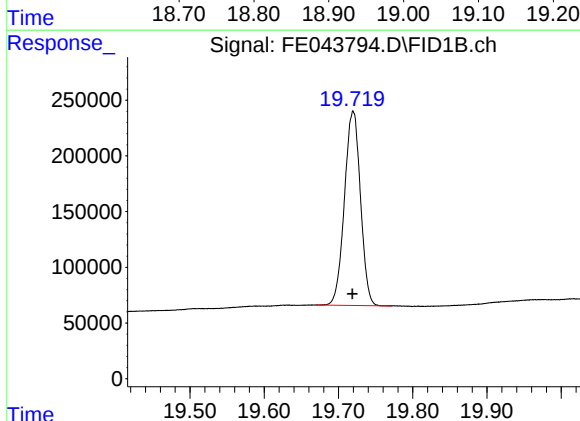
R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 2814126
Conc: 16.99 ug/ml

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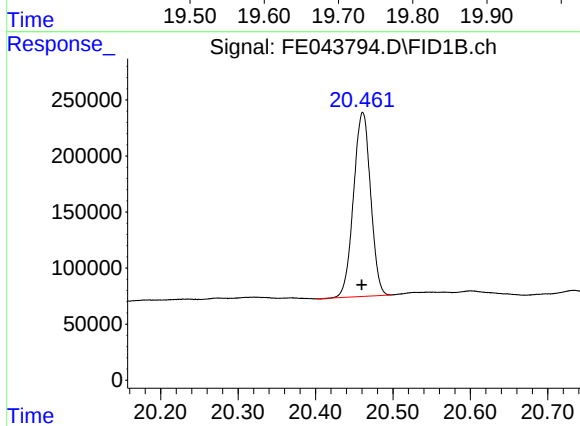
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 2717943
Conc: 17.21 ug/ml



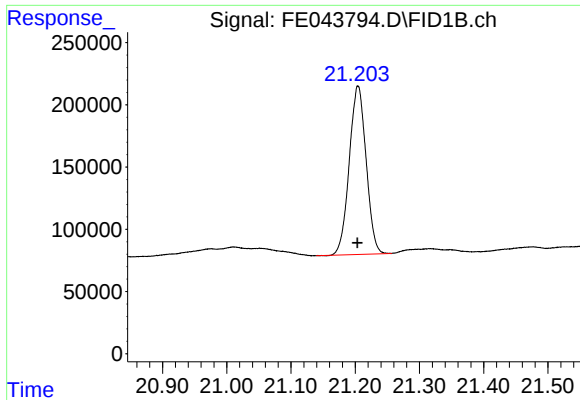
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.001 min
Response: 2613521
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

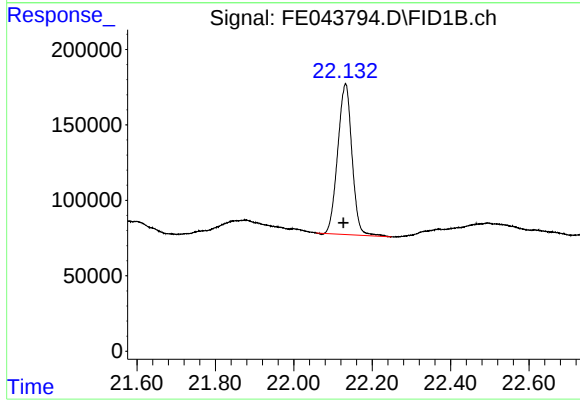
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 2514673
Conc: 17.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2464803
Conc: 18.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: 0.005 min
Response: 2521924
Conc: 19.55 ug/ml