

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080423AL\
 Data File : FE043732.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2023 00:27
 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 04 01:42:16 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	4429811	21.496 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
12) S 1-chlorooctadecane (S...	13.379	3360062	21.532 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
Target Compounds			
1) T n-Nonane (C9)	3.328	3497901	21.661 ug/ml
2) T n-Decane (C10)	4.579	3604456	21.870 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3982637	21.874 ug/ml
4) T n-Dodecane (C12)	6.743	3661831	21.880 ug/ml
5) T A~2-methylnaphthalene...	7.372	3898039	21.896 ug/ml
6) T n-Tetradecane (C14)	8.569	3676230	21.820 ug/ml
7) T n-Hexadecane (C16)	10.179	3847737	21.813 ug/ml
8) T n-Octadecane (C18)	11.624	3941796	21.760 ug/ml
10) T n-Eicosane (C20)	12.934	3837244	21.683 ug/ml
11) T n-Heneicosane (C21)	13.547	3796158	21.440 ug/ml
13) T n-Docosane (C22)	14.133	3779488	21.548 ug/ml
14) T n-Tetracosane (C24)	15.238	3758345	21.391 ug/ml
15) T n-Hexacosane (C26)	16.261	3655893	21.153 ug/ml
16) T n-Octacosane (C28)	17.211	3498634	20.910 ug/ml
17) T n-Tricontane (C30)	18.100	3424892	20.678 ug/ml
18) T n-Dotriacontane (C32)	18.933	3259109	20.641 ug/ml
19) T n-Tetratriacontane (C34)	19.718	3109293	20.924 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2952948	21.126 ug/ml
21) T n-Octatriacontane (C38)	21.203	2862536	21.457 ug/ml
22) T n-Tetracontane (C40)	22.127	2860334	22.168 ug/ml

(f)=RT Delta > 1/2 Window

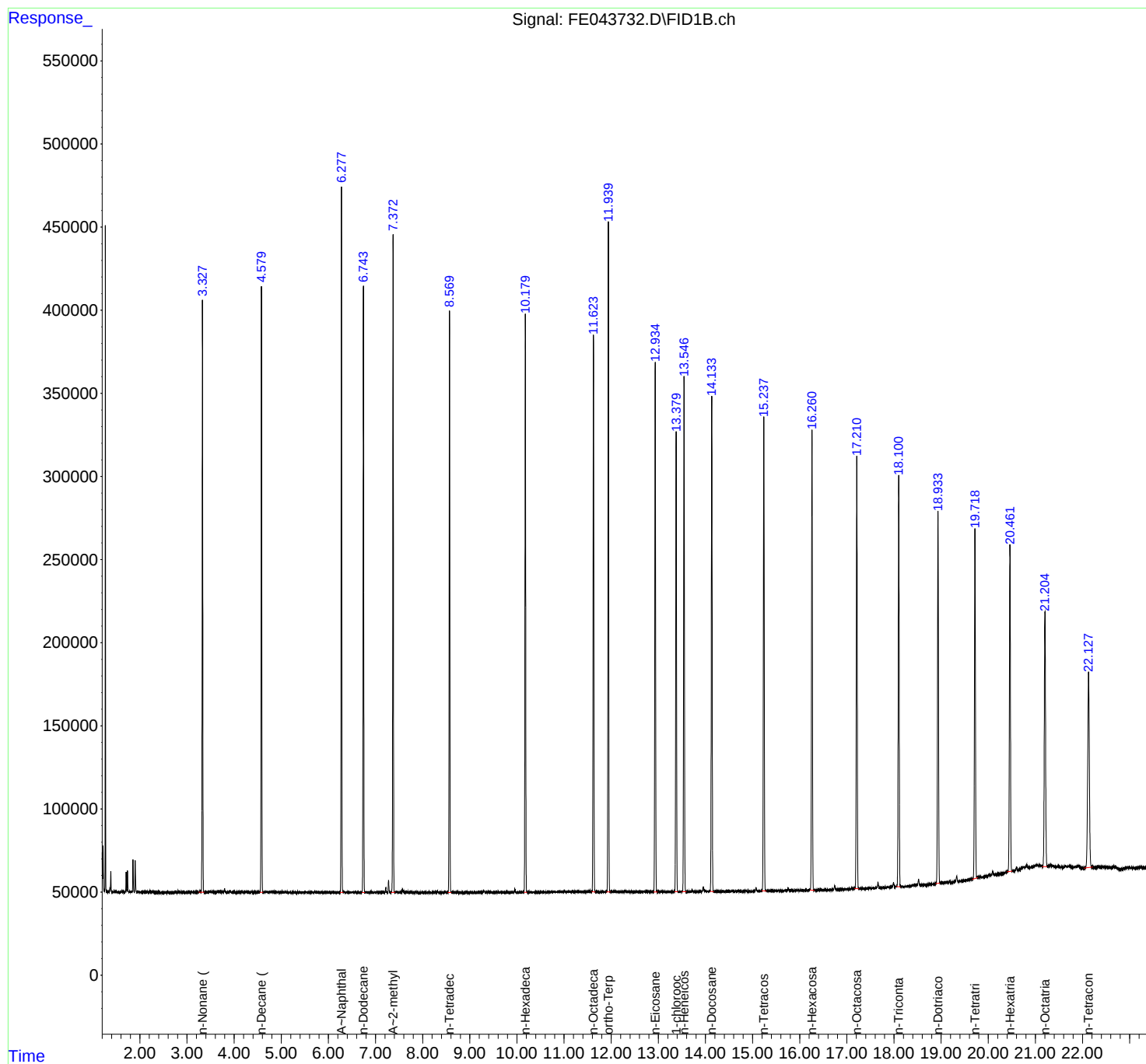
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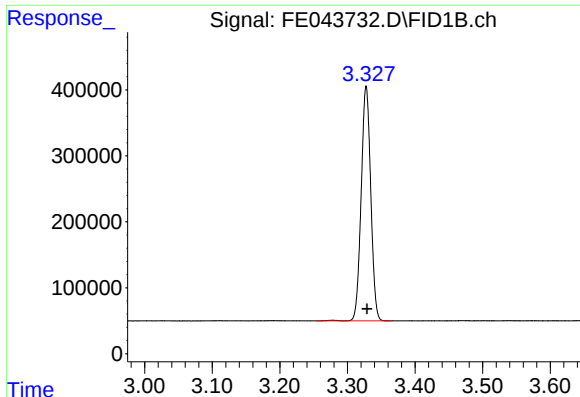
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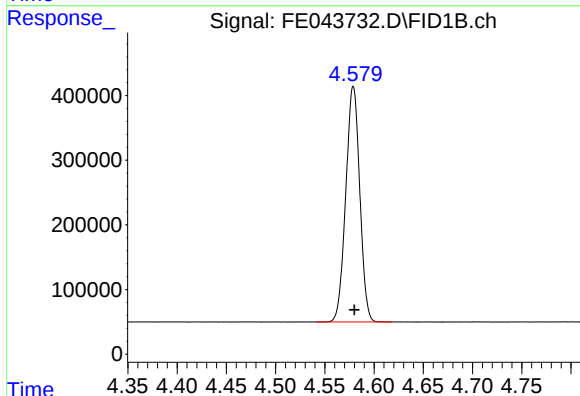




#1 n-Nonane (C9)

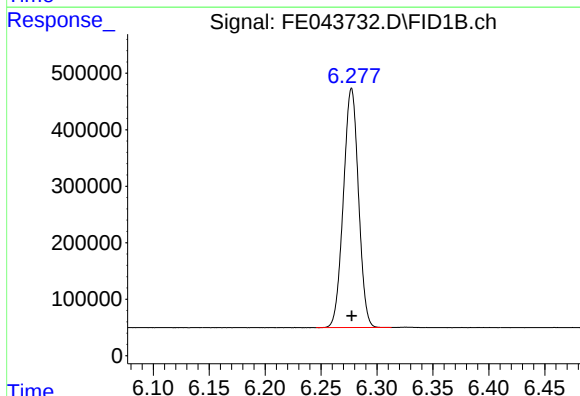
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 3497901
Conc: 21.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



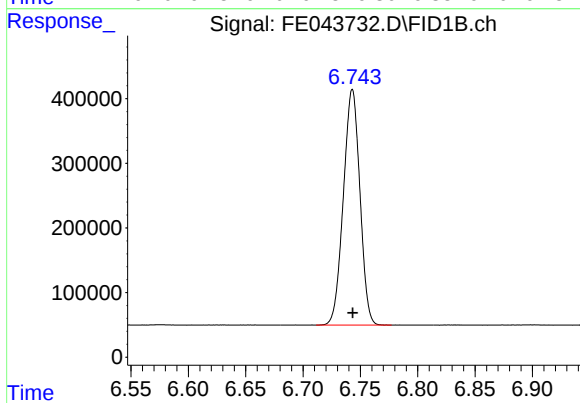
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 3604456
Conc: 21.87 ug/ml



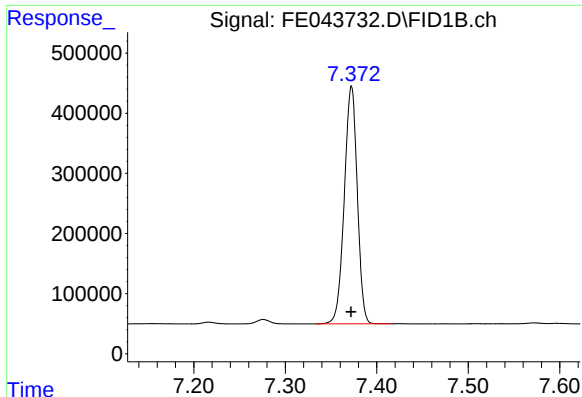
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3982637
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

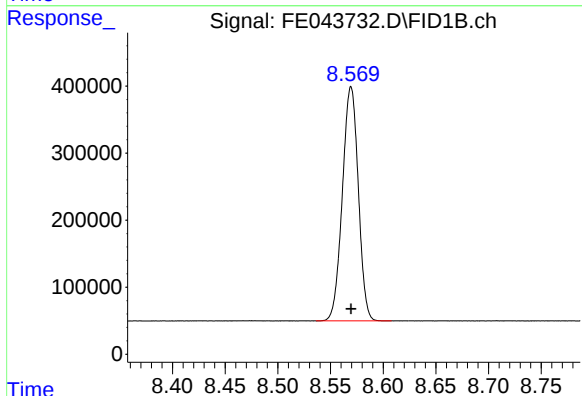
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3661831
Conc: 21.88 ug/ml



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

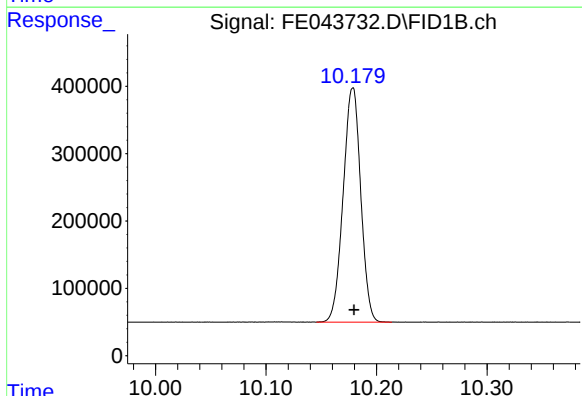
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3898039
Conc: 21.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



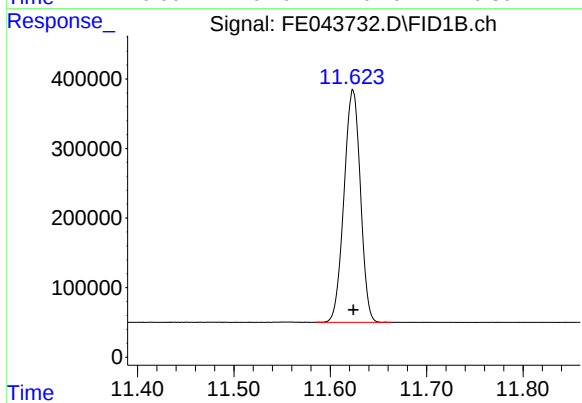
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 3676230
Conc: 21.82 ug/ml



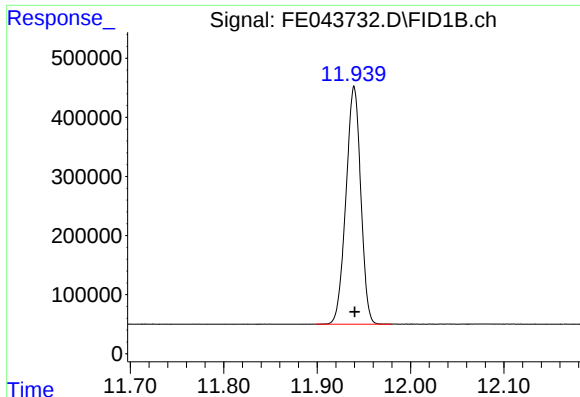
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 3847737
Conc: 21.81 ug/ml



#8 n-Octadecane (C18)

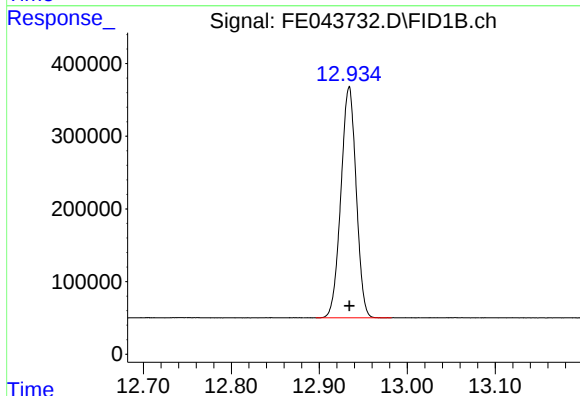
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3941796
Conc: 21.76 ug/ml



#9 ortho-Terphenyl (SURR)

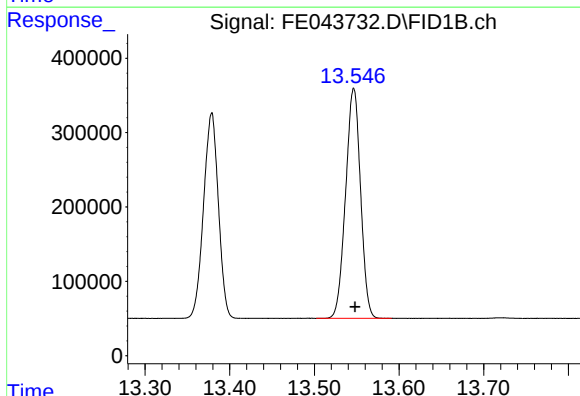
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4429811
Conc: 21.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



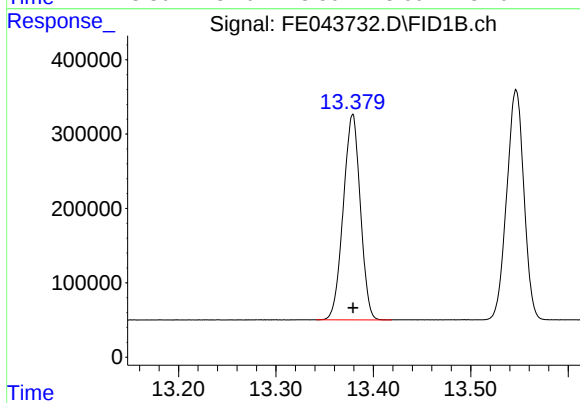
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3837244
Conc: 21.68 ug/ml



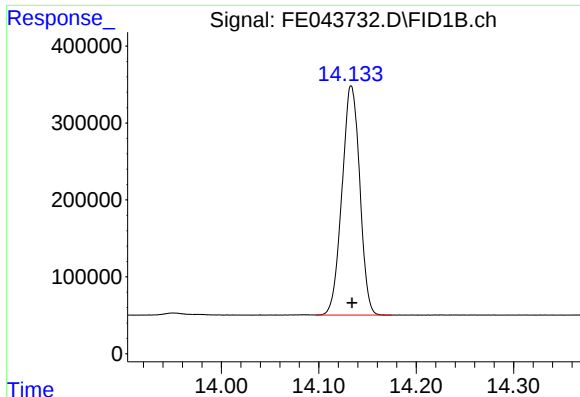
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 3796158
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

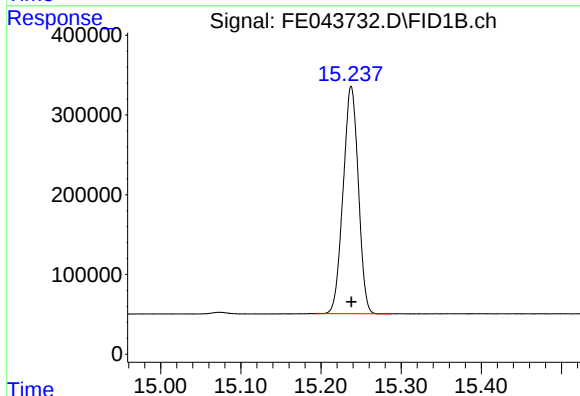
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3360062
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

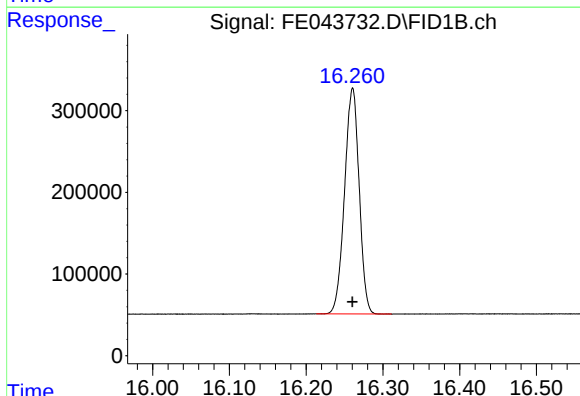
R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 3779488
Conc: 21.55 ug/ml

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20 PPM ALIPHATIC HC STD



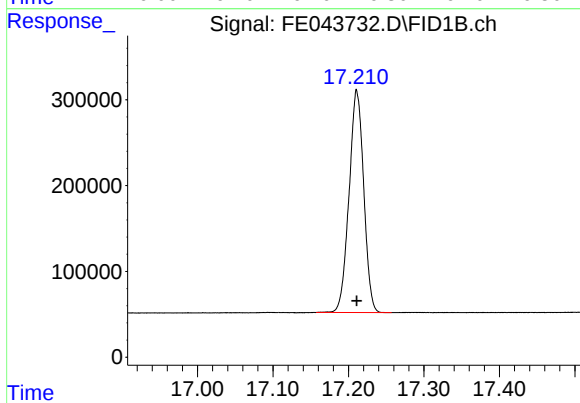
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3758345
Conc: 21.39 ug/ml



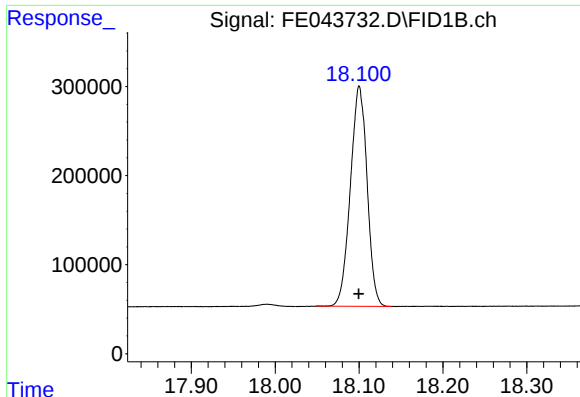
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3655893
Conc: 21.15 ug/ml



#16 n-Octacosane (C28)

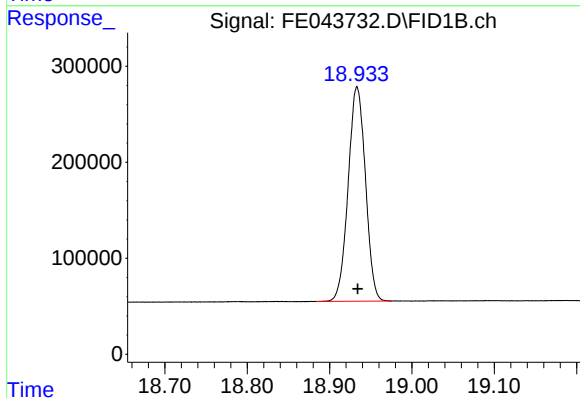
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3498634
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

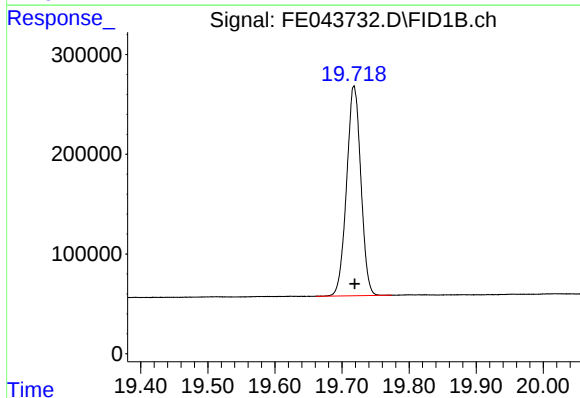
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3424892
Conc: 20.68 ug/ml

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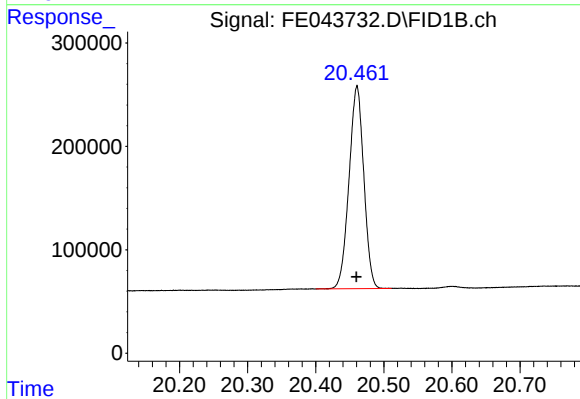
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 3259109
Conc: 20.64 ug/ml



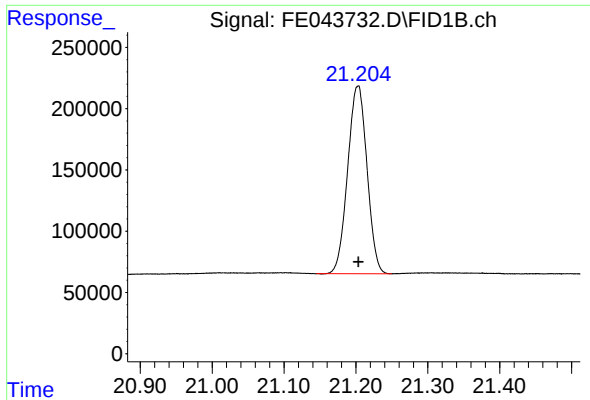
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.001 min
Response: 3109293
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

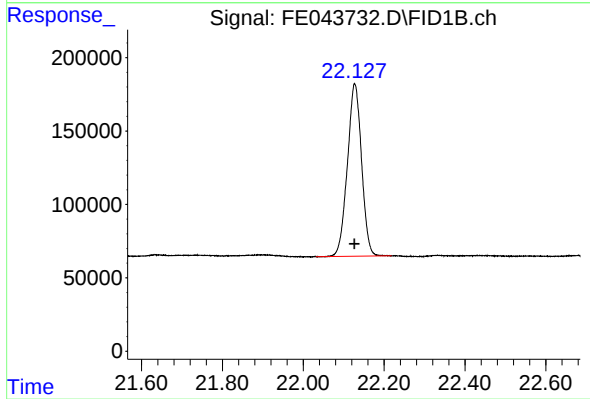
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 2952948
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 2862536
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 2860334
Conc: 22.17 ug/ml