

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037927.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 12:40
 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: Oct 05 04:13:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.605	3423893	19.796 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	13.026	2671211	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.004	2966927	20.145 ug/ml
2) T n-Decane (C10)	4.260	3016510	20.403 ug/ml
3) T A~Naphthalene (C11.7)	5.982	2769394	20.223 ug/ml
4) T n-Dodecane (C12)	6.431	3123313	20.497 ug/ml
5) T A~2-methylnaphthalene...	7.075	2699255	20.309 ug/ml
6) T n-Tetradecane (C14)	8.249	3146797	20.560 ug/ml
7) T n-Hexadecane (C16)	9.847	3205760	20.524 ug/ml
8) T n-Octadecane (C18)	11.281	3251564	20.272 ug/ml
10) T n-Eicosane (C20)	12.583	3260284	19.993 ug/ml
11) T n-Heneicosane (C21)	13.191	3256969	19.767 ug/ml
13) T n-Docosane (C22)	13.774	3285037	19.956 ug/ml
14) T n-Tetracosane (C24)	14.870	3242778	19.772 ug/ml
15) T n-Hexacosane (C26)	15.884	3160963	19.385 ug/ml
16) T n-Octacosane (C28)	16.828	3114746	19.443 ug/ml
17) T n-Tricontane (C30)	17.712	3140089	19.622 ug/ml
18) T n-Dotriacontane (C32)	18.539	3065035	19.464 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2792617	18.849 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2685894	18.631 ug/ml
21) T n-Octatriacontane (C38)	20.749	2547526	18.773 ug/ml
22) T n-Tetracontane (C40)	21.516	2487367	19.540 ug/ml

(f)=RT Delta > 1/2 Window

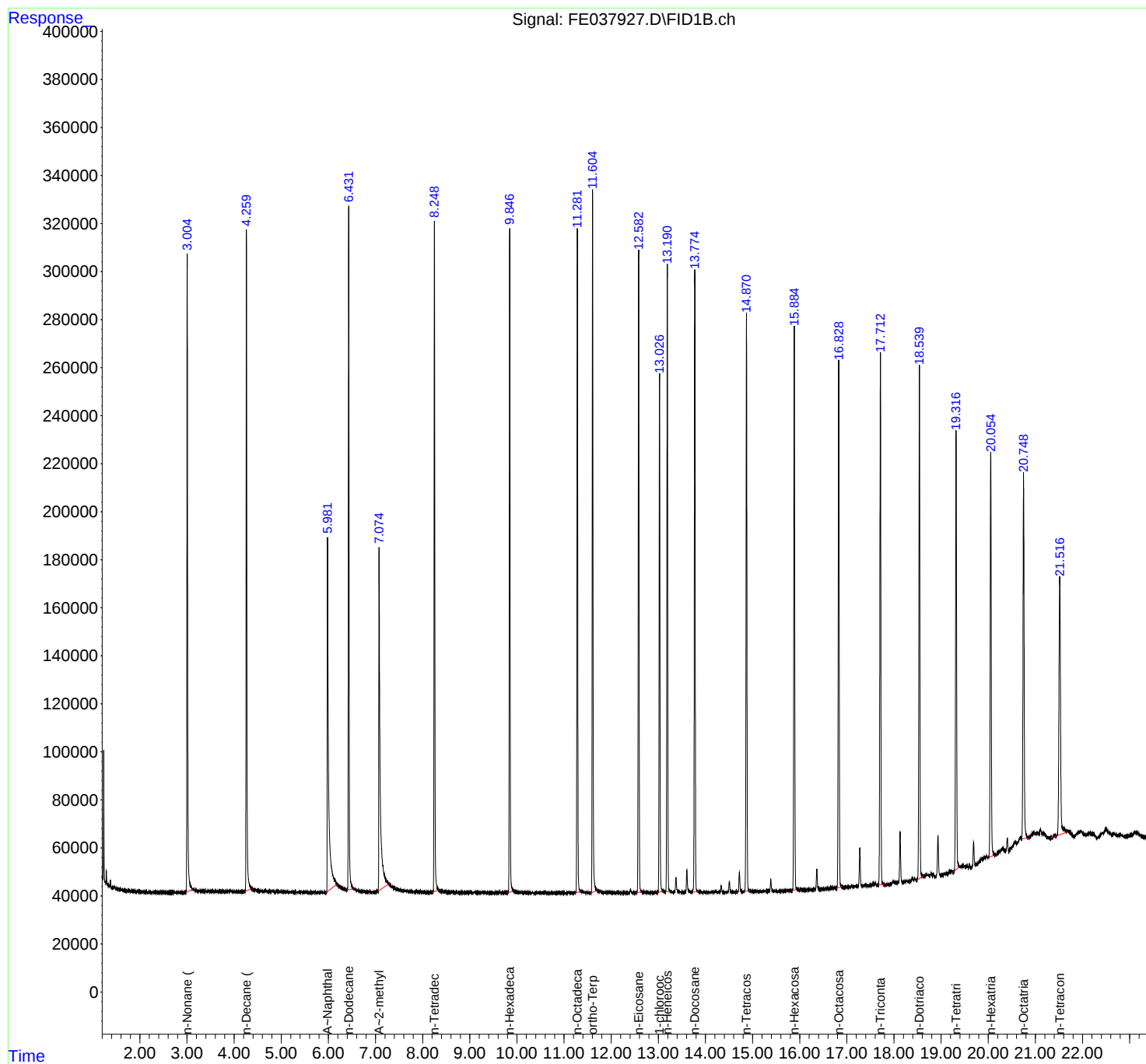
(m)=manual int.

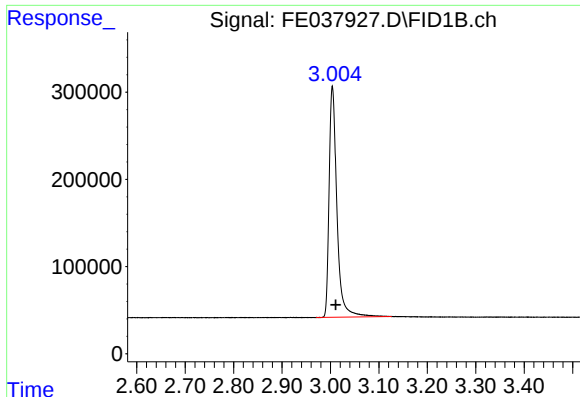
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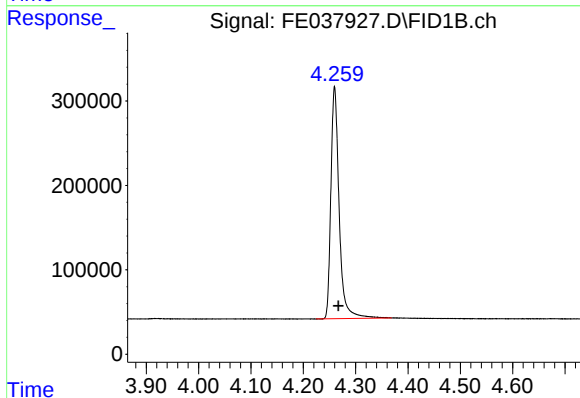




#1 n-Nonane (C9)

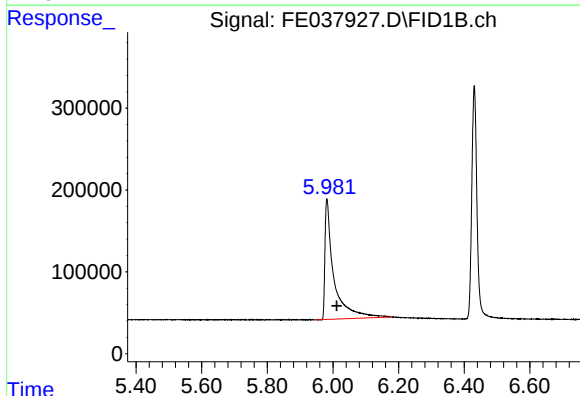
R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 2966927
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



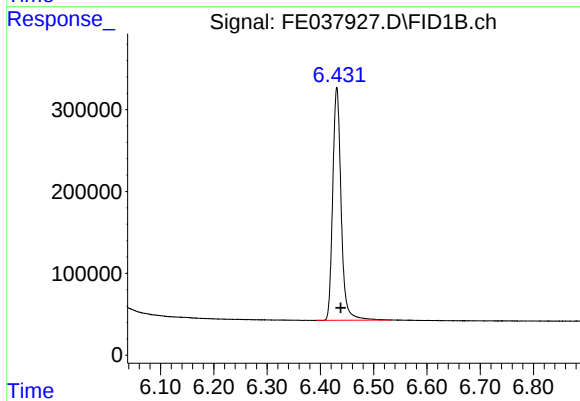
#2 n-Decane (C10)

R.T.: 4.260 min
Delta R.T.: -0.008 min
Response: 3016510
Conc: 20.40 ug/ml



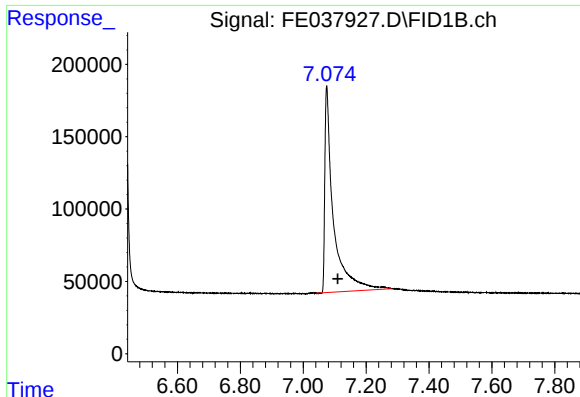
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.029 min
Response: 2769394
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

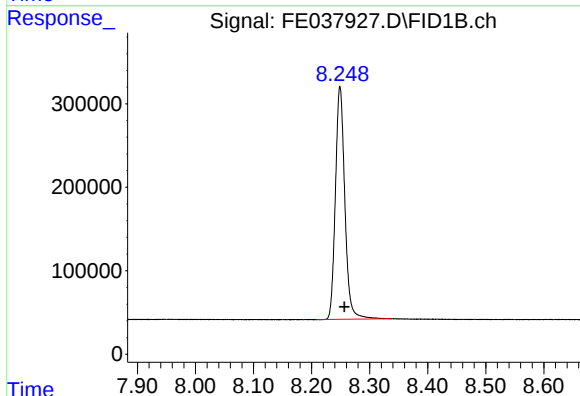
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 3123313
Conc: 20.50 ug/ml



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

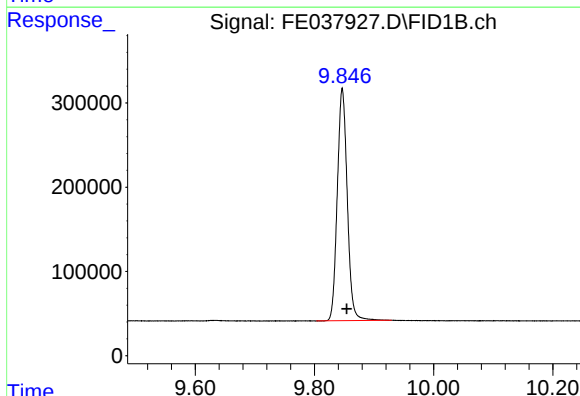
R.T.: 7.075 min
Delta R.T.: -0.035 min
Response: 2699255
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



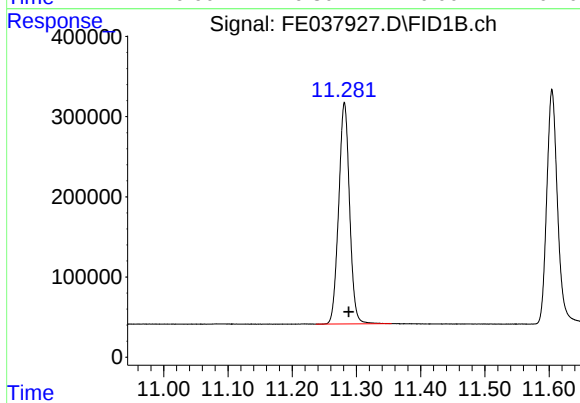
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 3146797
Conc: 20.56 ug/ml



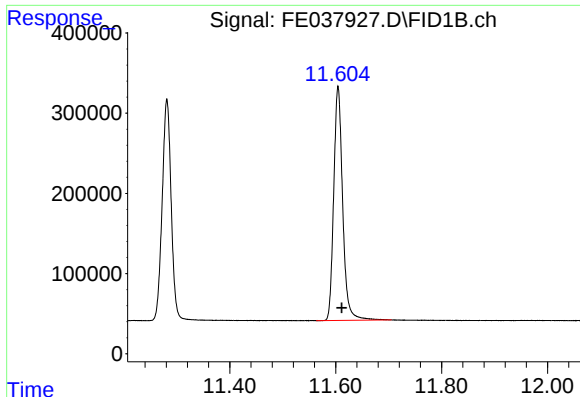
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: -0.007 min
Response: 3205760
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

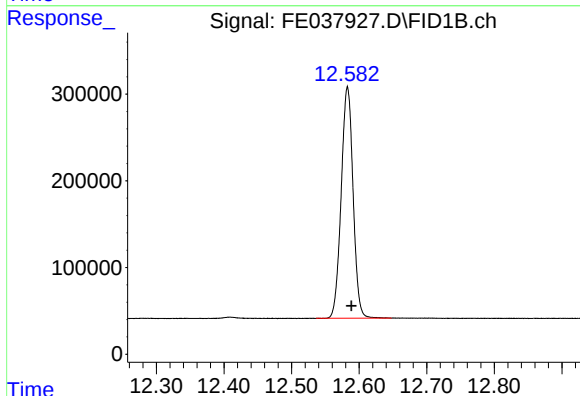
R.T.: 11.281 min
Delta R.T.: -0.006 min
Response: 3251564
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

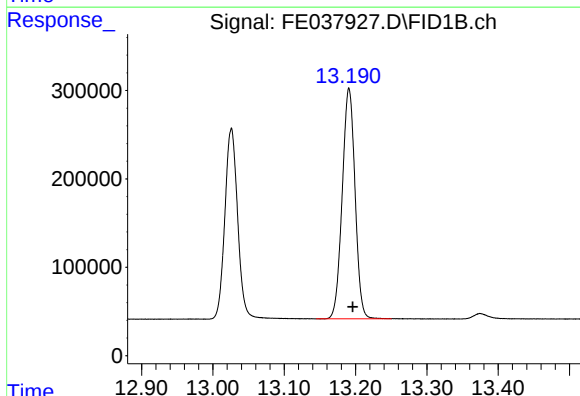
R.T.: 11.605 min
Delta R.T.: -0.007 min
Response: 3423893
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



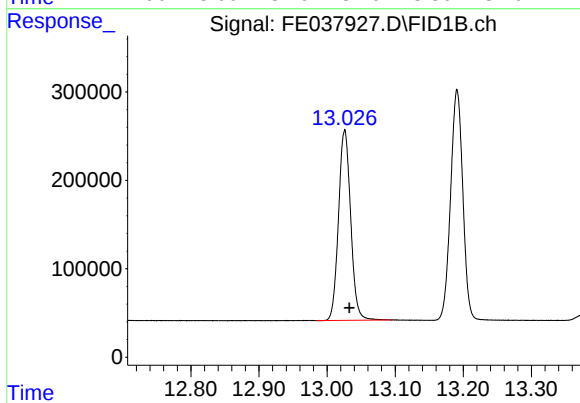
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.006 min
Response: 3260284
Conc: 19.99 ug/ml



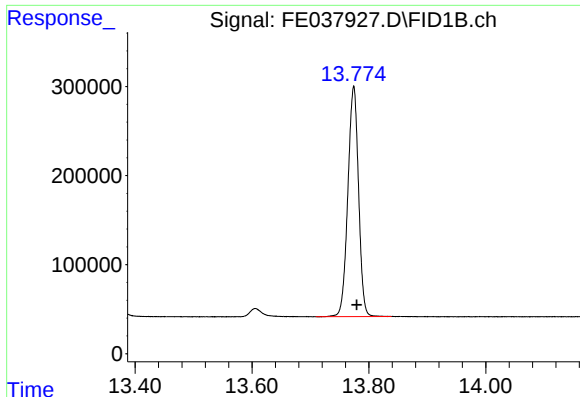
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.005 min
Response: 3256969
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

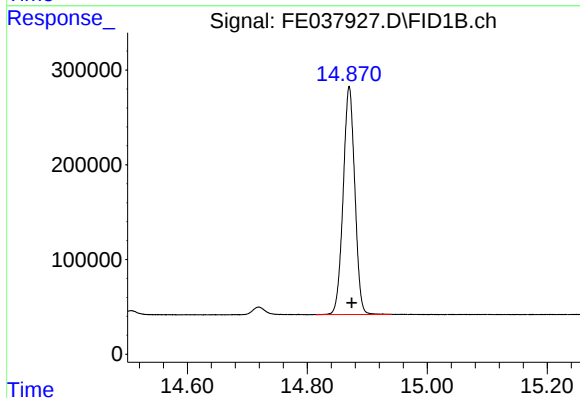
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 2671211
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

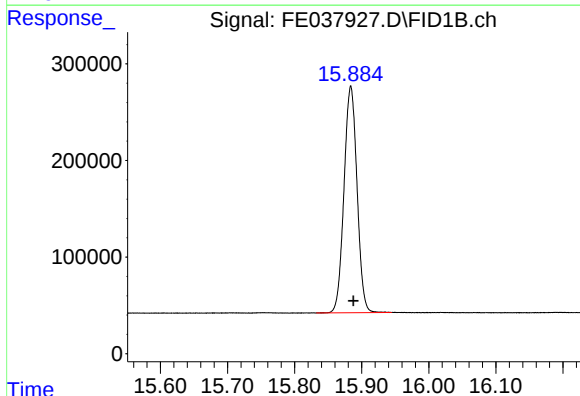
R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 3285037
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



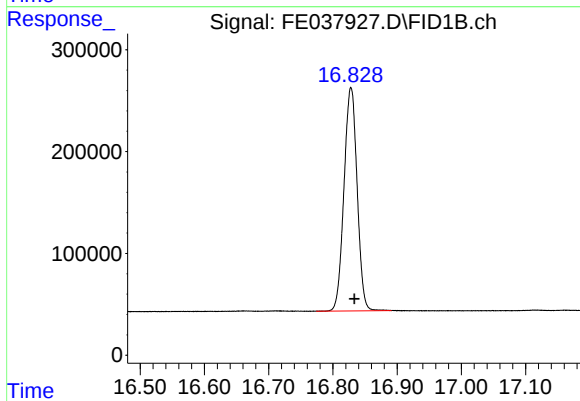
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 3242778
Conc: 19.77 ug/ml



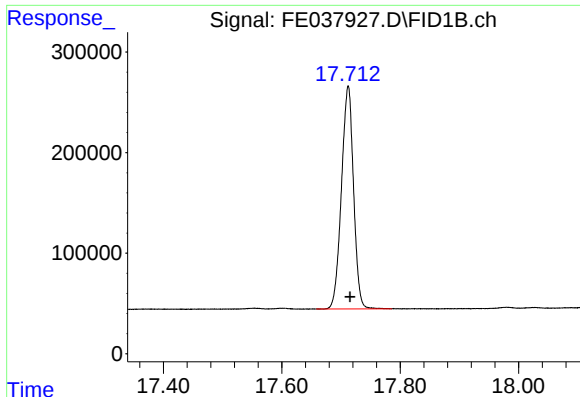
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 3160963
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

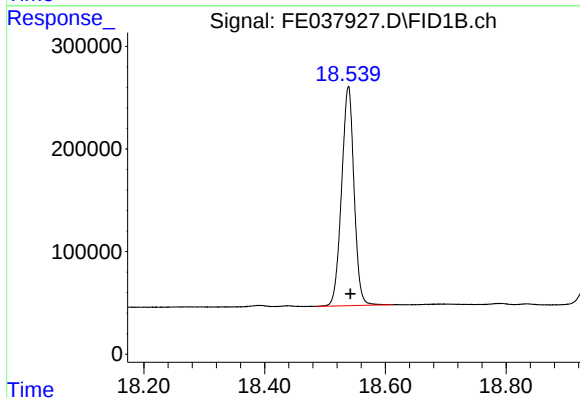
R.T.: 16.828 min
Delta R.T.: -0.005 min
Response: 3114746
Conc: 19.44 ug/ml



#17 n-Tricontane (C30)

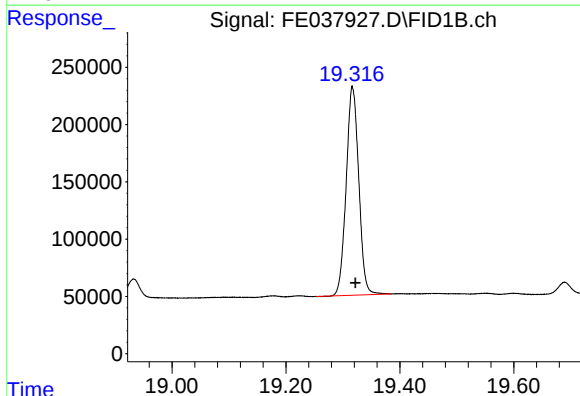
R.T.: 17.712 min
Delta R.T.: -0.003 min
Response: 3140089
Conc: 19.62 ug/ml

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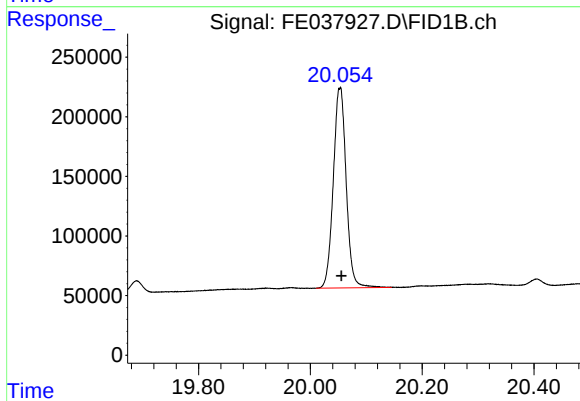
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.003 min
Response: 3065035
Conc: 19.46 ug/ml



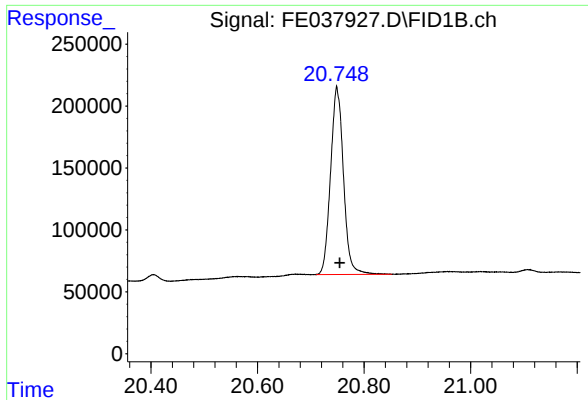
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 2792617
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

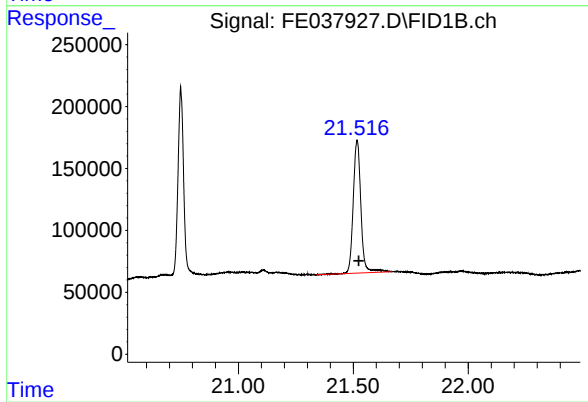
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2685894
Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.006 min
Response: 2547526
Conc: 18.77 ug/ml

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FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 2487367
Conc: 19.54 ug/ml