

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055444.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 23:50
 Operator : YP\AJ
 Sample : Q2909-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4065

Integration File: sample.E
 Quant Time: Aug 22 01:25:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.094	15117342	105.861 ug/ml
Spiked Amount 50.000		Recovery =	211.72%
12) S 1-chlorooctadecane (S...	13.532	25502243	237.177 ug/ml
Spiked Amount 50.000		Recovery =	474.35%
Target Compounds			
1) T n-Nonane (C9)	3.415	911834	7.945 ug/ml
2) T n-Decane (C10)	4.676	3985881	34.215 ug/ml
3) T A~Naphthalene (C11.7)	6.407	3192312	23.782 ug/ml
4) T n-Dodecane (C12)	6.859	11713128	98.362 ug/ml
5) T A~2-methylnaphthalene...	7.505	2587776	19.847 ug/ml
6) T n-Tetradecane (C14)	8.697	7372764	60.132 ug/ml
7) T n-Hexadecane (C16)	10.313	6272762	49.066 ug/ml
8) T n-Octadecane (C18)	11.767	8591304	65.846 ug/ml
10) T n-Eicosane (C20)	13.093	22628259	180.345 ug/ml
11) T n-Heneicosane (C21)	13.721	39205618	318.053 ug/ml
13) T n-Docosane (C22)	14.247	80573982	659.794 ug/ml
14) T n-Tetracosane (C24)	15.383	248466211	2042.741 ug/ml
15) T n-Hexacosane (C26)	16.415	272646744	2278.789 ug/ml
16) T n-Octacosane (C28)	17.370	239638739	2020.159 ug/ml
17) T n-Tricontane (C30)	18.231	168362728	1368.263 ug/ml
18) T n-Dotriacontane (C32)	19.051	118330231	969.831 ug/ml
19) T n-Tetratriacontane (C34)	19.855	27009979	231.014 ug/ml
20) T n-Hexatriacontane (C36)	20.572	93611489	856.472 ug/ml
21) T n-Octatriacontane (C38)	21.455f	39921934	369.406 ug/ml

(f)=RT Delta > 1/2 Window

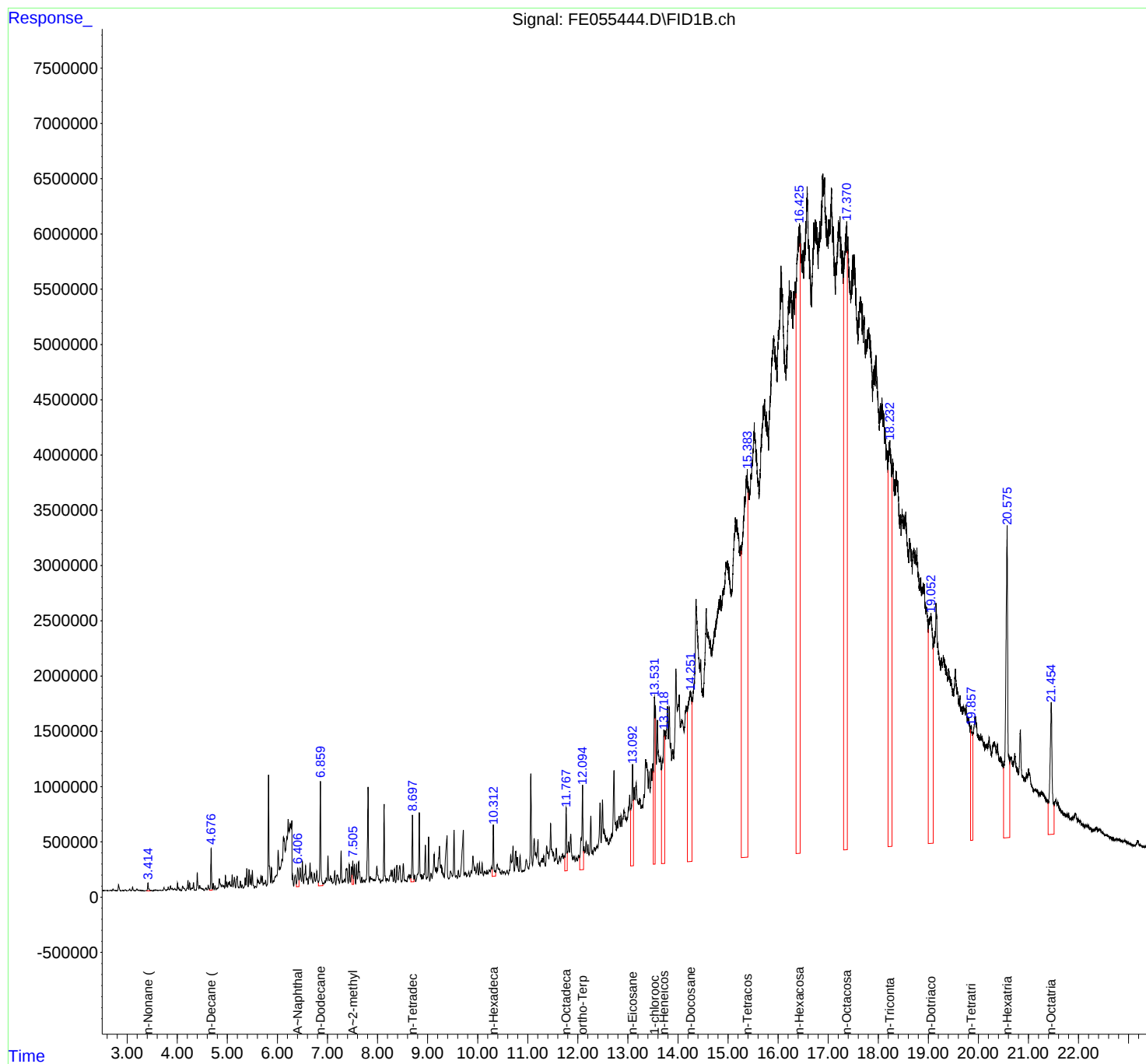
(m)=manual int.

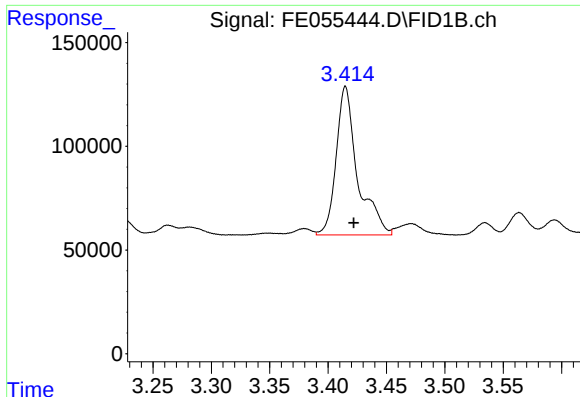
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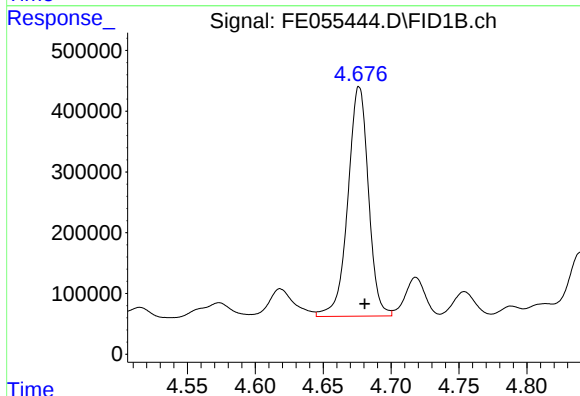




#1 n-Nonane (C9)

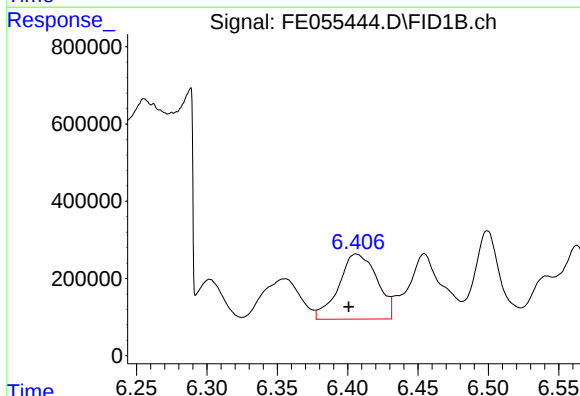
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 911834
Conc: 7.94 ug/ml

Instrument :
FID_E
ClientSampleId :
4065



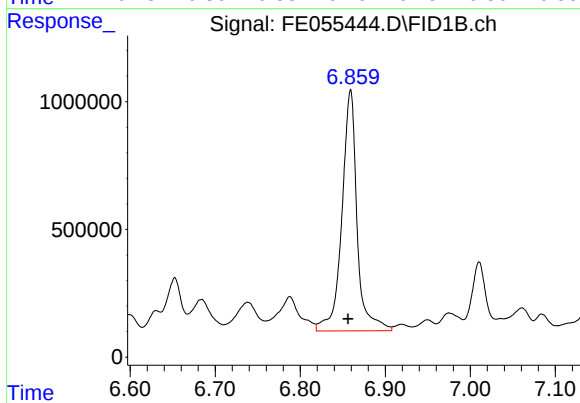
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 3985881
Conc: 34.21 ug/ml



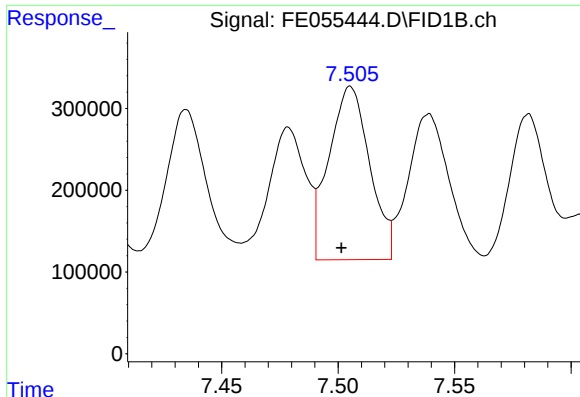
#3 A~Naphthalene (C11.7)

R.T.: 6.407 min
Delta R.T.: 0.006 min
Response: 3192312
Conc: 23.78 ug/ml



#4 n-Dodecane (C12)

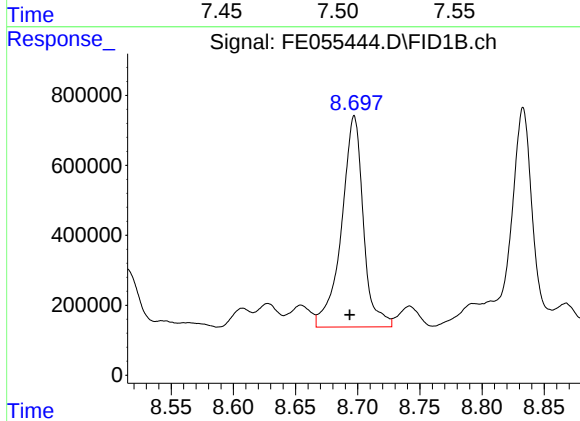
R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 11713128
Conc: 98.36 ug/ml



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

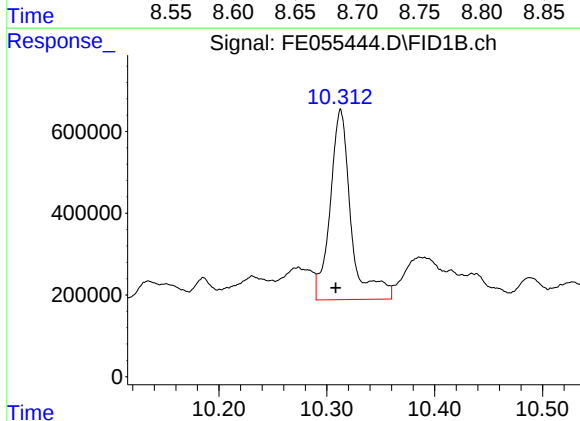
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 2587776
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
4065



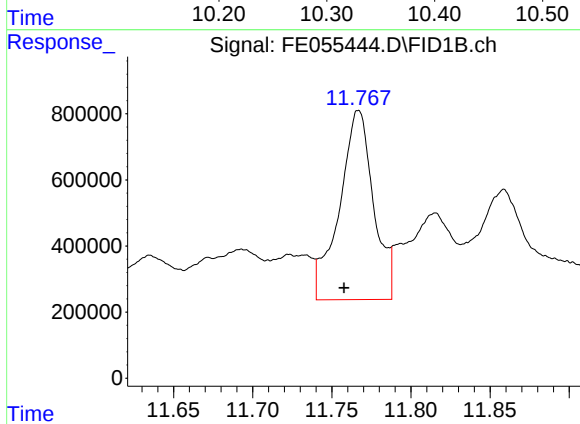
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 7372764
Conc: 60.13 ug/ml



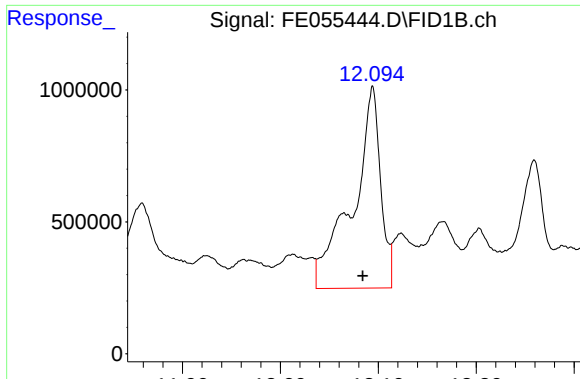
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.004 min
Response: 6272762
Conc: 49.07 ug/ml



#8 n-Octadecane (C18)

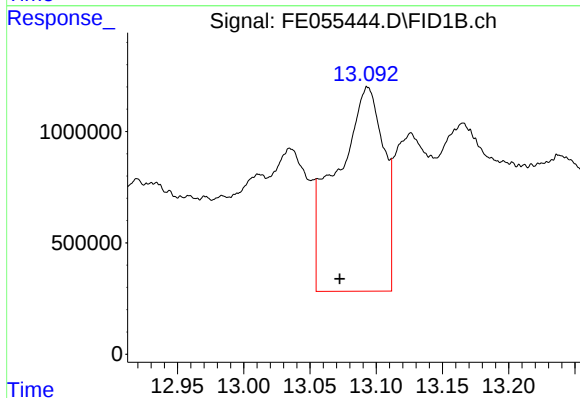
R.T.: 11.767 min
Delta R.T.: 0.009 min
Response: 8591304
Conc: 65.85 ug/ml



#9 ortho-Terphenyl (SURR)

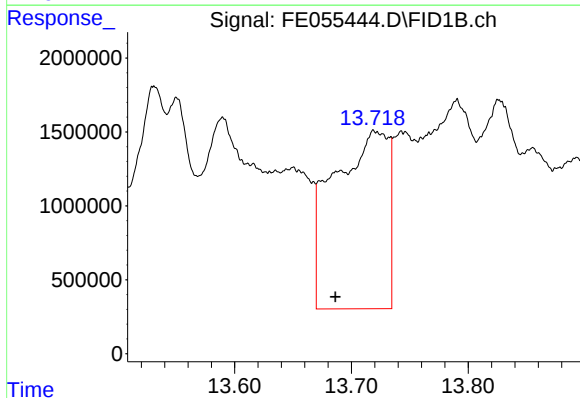
R.T.: 12.094 min
Delta R.T.: 0.010 min
Response: 15117342
Conc: 105.86 ug/ml

Instrument :
FID_E
ClientSampleId :
4065



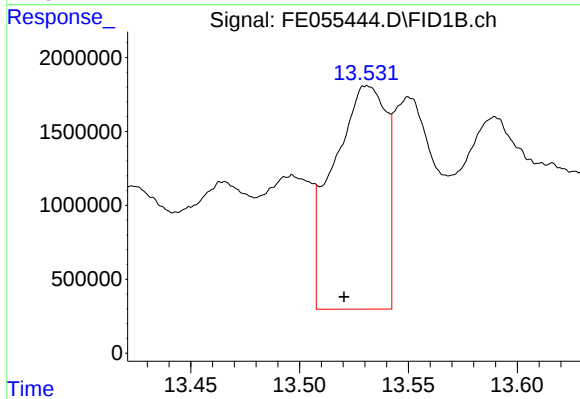
#10 n-Eicosane (C20)

R.T.: 13.093 min
Delta R.T.: 0.021 min
Response: 22628259
Conc: 180.34 ug/ml



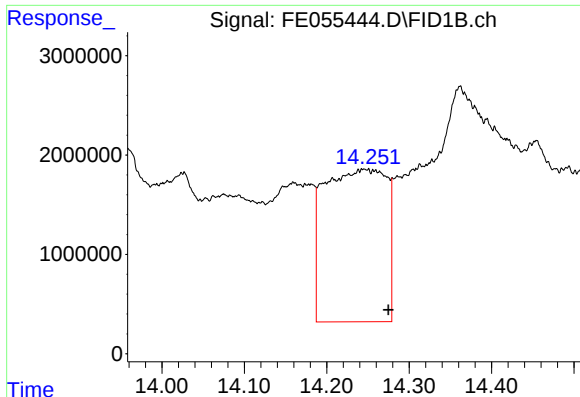
#11 n-Heneicosane (C21)

R.T.: 13.721 min
Delta R.T.: 0.035 min
Response: 39205618
Conc: 318.05 ug/ml



#12 1-chlorooctadecane (SURR)

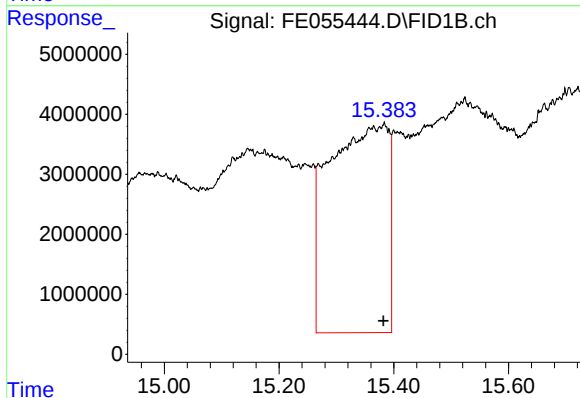
R.T.: 13.532 min
Delta R.T.: 0.011 min
Response: 25502243
Conc: 237.18 ug/ml



#13 n-Docosane (C22)

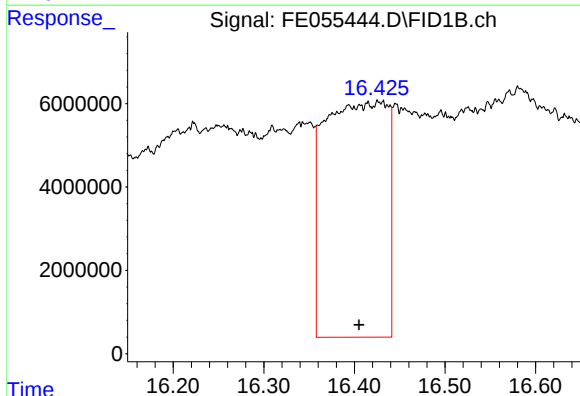
R.T.: 14.247 min
Delta R.T.: -0.028 min
Response: 80573982
Conc: 659.79 ug/ml

Instrument :
FID_E
ClientSampleId :
4065



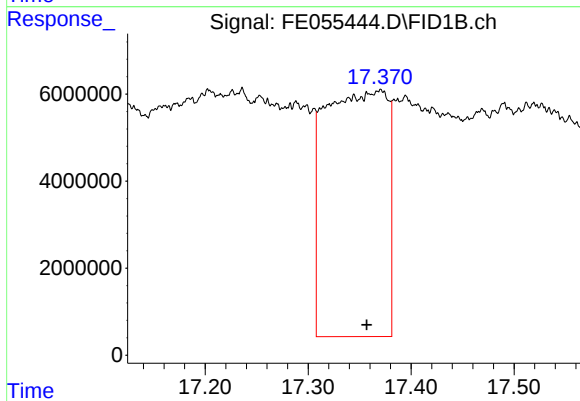
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.002 min
Response: 248466211
Conc: 2042.74 ug/ml



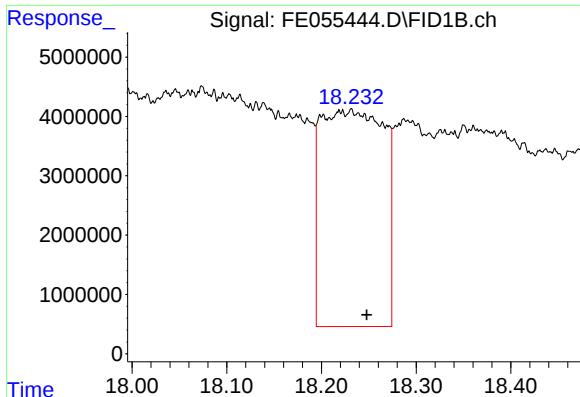
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: 0.010 min
Response: 272646744
Conc: 2278.79 ug/ml



#16 n-Octacosane (C28)

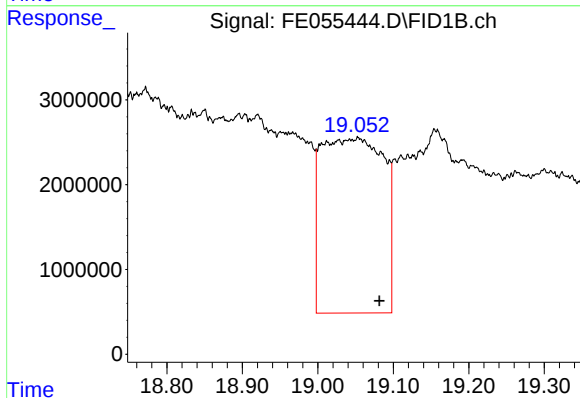
R.T.: 17.370 min
Delta R.T.: 0.013 min
Response: 239638739
Conc: 2020.16 ug/ml



#17 n-Tricontane (C30)

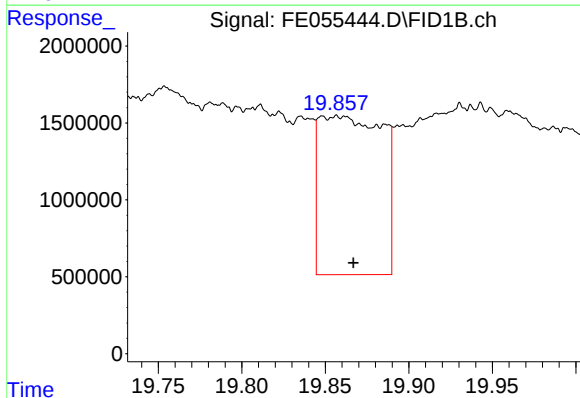
R.T.: 18.231 min
Delta R.T.: -0.017 min
Response: 168362728
Conc: 1368.26 ug/ml

Instrument :
FID_E
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4065



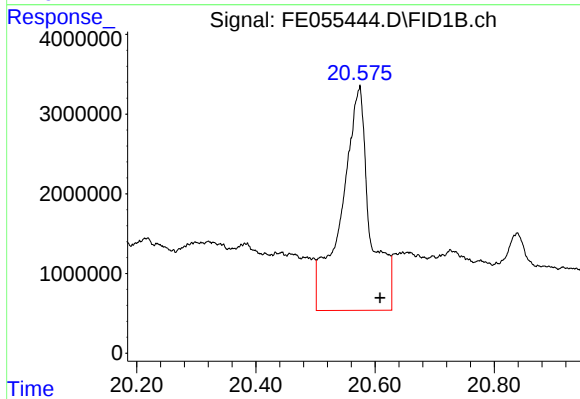
#18 n-Dotriacontane (C32)

R.T.: 19.051 min
Delta R.T.: -0.030 min
Response: 118330231
Conc: 969.83 ug/ml



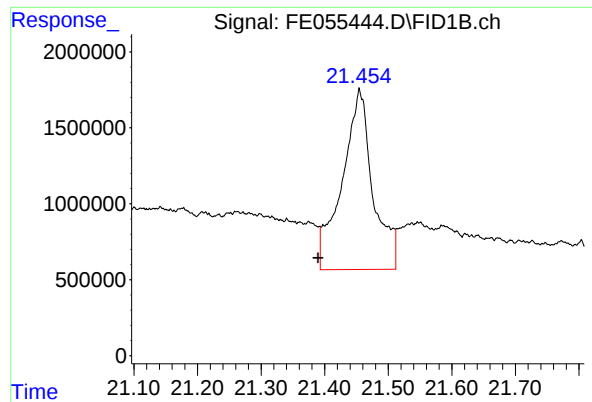
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: -0.012 min
Response: 27009979
Conc: 231.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.572 min
Delta R.T.: -0.037 min
Response: 93611489
Conc: 856.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.455 min
Delta R.T.: 0.065 min
Response: 39921934
Conc: 369.41 ug/ml

Instrument :
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