

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040742.D
 Signal(s) : FID1B.ch
 Acq On : 09 Mar 2023 21:37
 Operator : YP\AJ
 Sample : 01847-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 09 23:17:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.884	10345745	55.381 ug/ml
Spiked Amount 50.000		Recovery =	110.76%
12) S 1-chlorooctadecane (S...	13.322	37989230	256.676 ug/ml
Spiked Amount 50.000		Recovery =	513.35%
Target Compounds			
1) T n-Nonane (C9)	3.272	299777	1.948 ug/ml
2) T n-Decane (C10)	4.521	1146035	7.618 ug/ml
3) T A~Naphthalene (C11.7)	6.248	1415370	8.533 ug/ml
4) T n-Dodecane (C12)	6.689	5806781	37.931 ug/ml
5) T A~2-methylnaphthalene...	7.325	4310160	28.479 ug/ml
6) T n-Tetradecane (C14)	8.519	11542414	74.681 ug/ml
7) T n-Hexadecane (C16)	10.127	13224793	81.877 ug/ml
8) T n-Octadecane (C18)	11.569	10637278	62.648 ug/ml
10) T n-Eicosane (C20)	12.877	7590662	44.870 ug/ml
11) T n-Heneicosane (C21)	13.489	4950236	28.888 ug/ml
13) T n-Docosane (C22)	14.074	2990707	17.458 ug/ml
14) T n-Tetracosane (C24)	15.169	2186094	12.681 ug/ml
15) T n-Hexacosane (C26)	16.198	452581	2.663 ug/ml
16) T n-Octacosane (C28)	17.147	151789	0.905 ug/ml
17) T n-Tricontane (C30)	18.036	329399	2.017 ug/ml
18) T n-Dotriacontane (C32)	18.869	527563	3.082 ug/ml
19) T n-Tetratriacontane (C34)	19.652	66352	0.429 ug/ml
20) T n-Hexatriacontane (C36)	20.396	136245	0.938 ug/ml
21) T n-Octatriacontane (C38)	21.134	469670	3.417 ug/ml
22) T n-Tetracontane (C40)	22.042	1048273	6.784 ug/ml

(f)=RT Delta > 1/2 Window

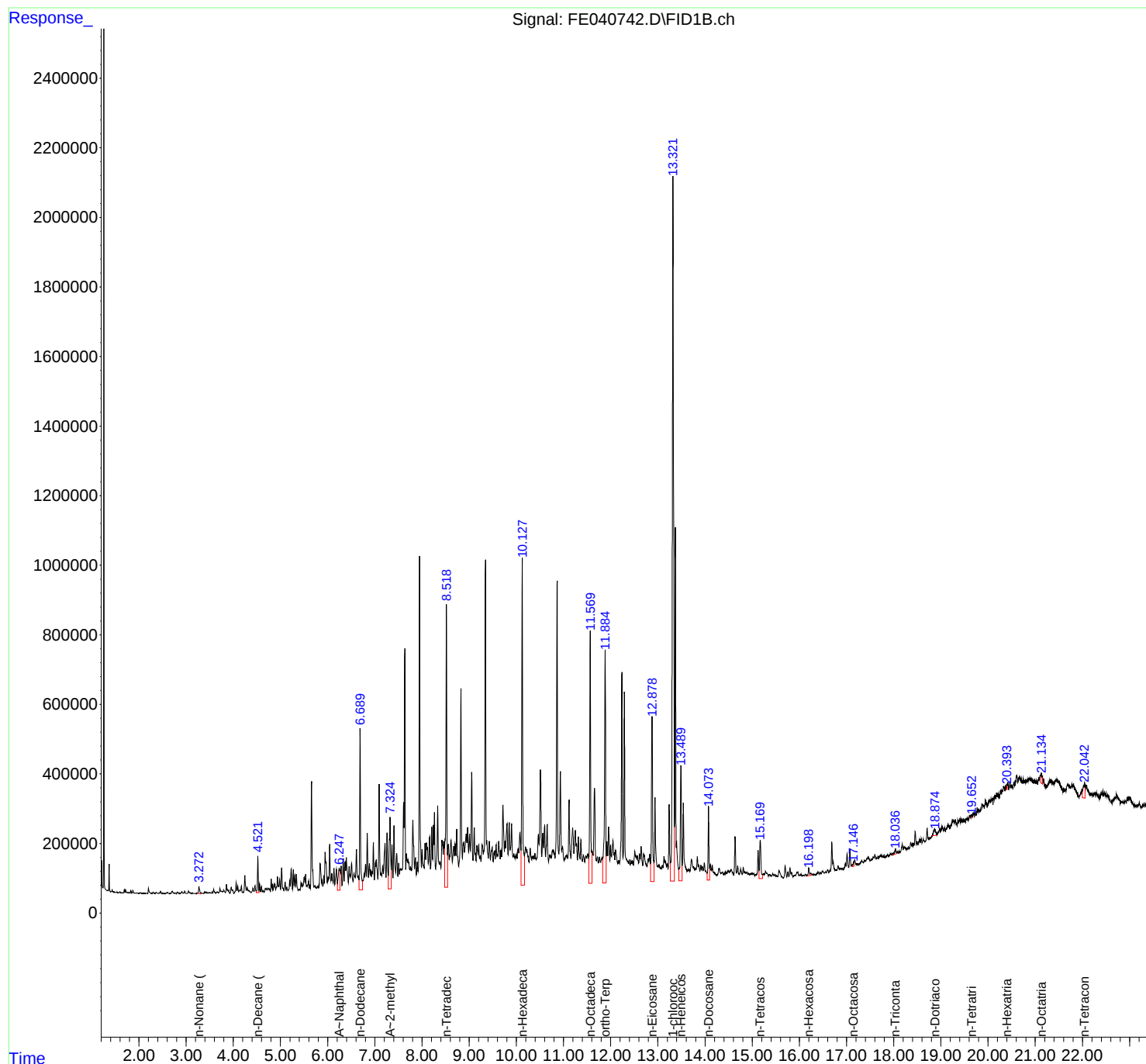
(m)=manual int.

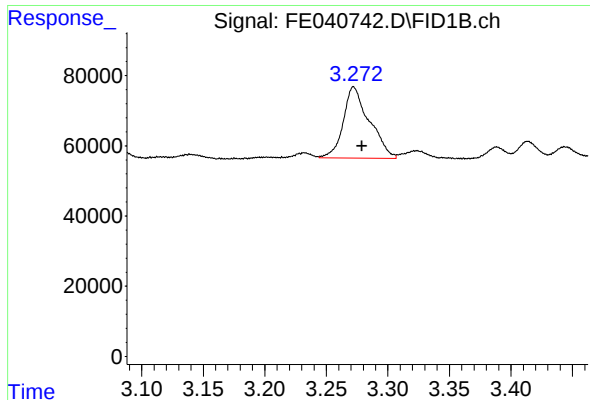
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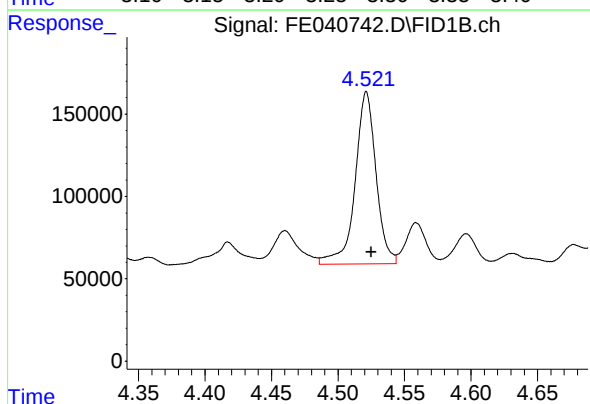




#1 n-Nonane (C9)

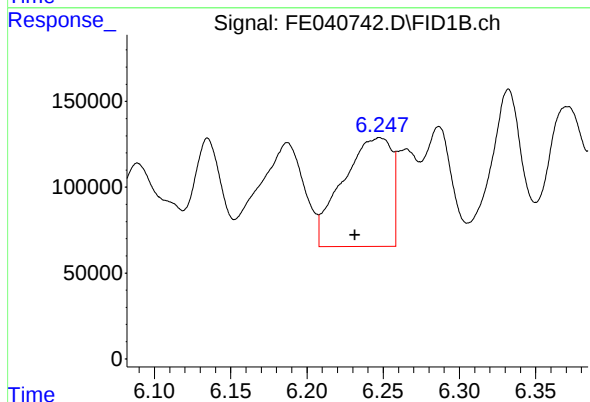
R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 299777
Conc: 1.95 ug/ml

Instrument :
FID_E
ClientSampleId :



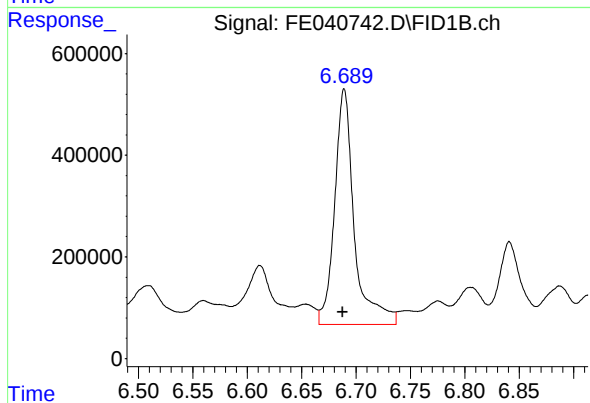
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 1146035
Conc: 7.62 ug/ml



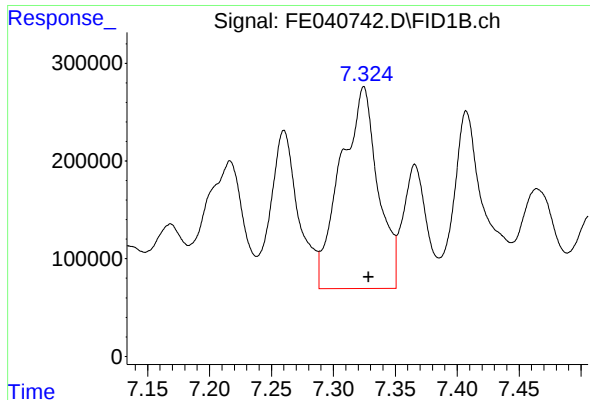
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: 0.016 min
Response: 1415370
Conc: 8.53 ug/ml



#4 n-Dodecane (C12)

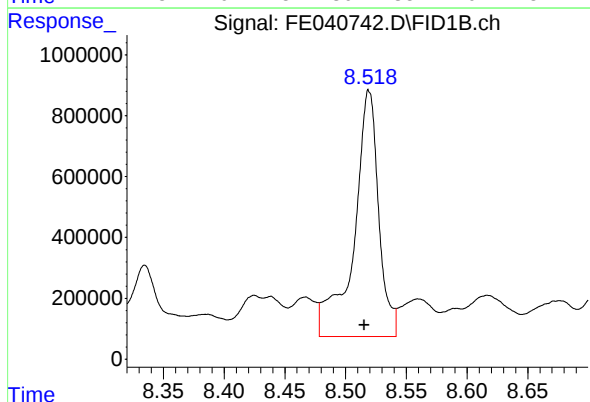
R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 5806781
Conc: 37.93 ug/ml



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

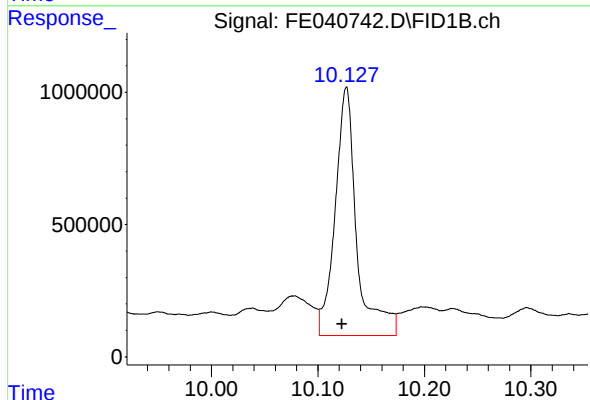
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 4310160
Conc: 28.48 ug/ml

Instrument :
FID_E
ClientSampleId :



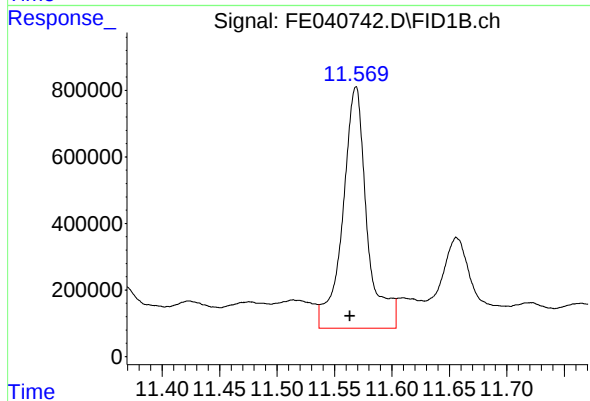
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.004 min
Response: 11542414
Conc: 74.68 ug/ml



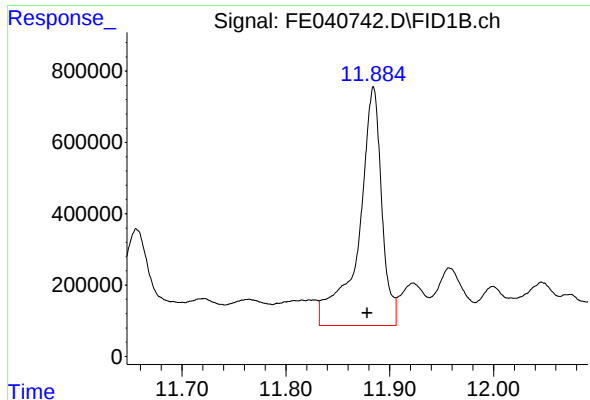
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.004 min
Response: 13224793
Conc: 81.88 ug/ml



#8 n-Octadecane (C18)

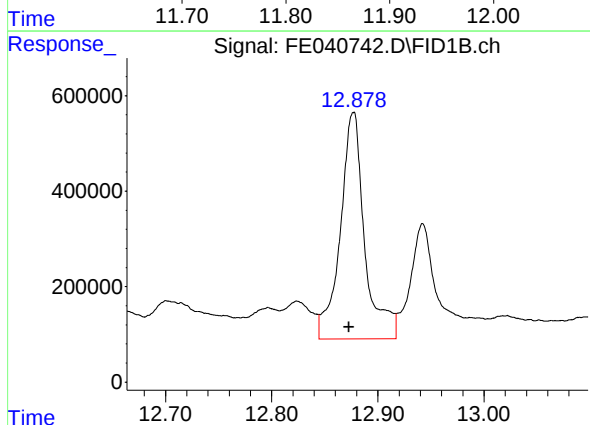
R.T.: 11.569 min
Delta R.T.: 0.005 min
Response: 10637278
Conc: 62.65 ug/ml



#9 ortho-Terphenyl (SURR)

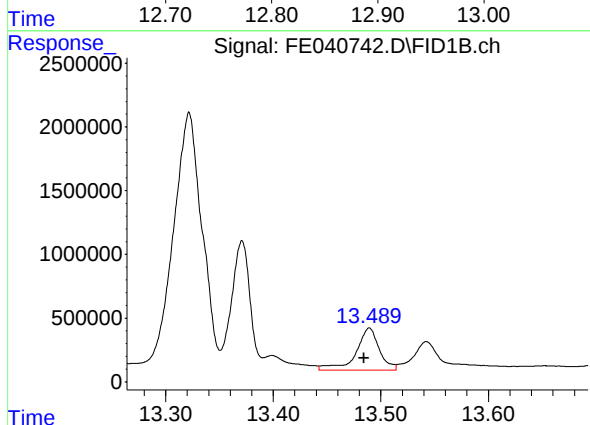
R.T.: 11.884 min
Delta R.T.: 0.006 min
Response: 10345745
Conc: 55.38 ug/ml

Instrument :
FID_E
ClientSampleId :



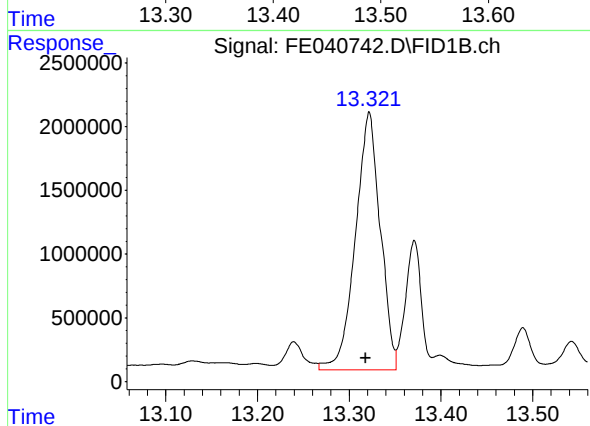
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 7590662
Conc: 44.87 ug/ml



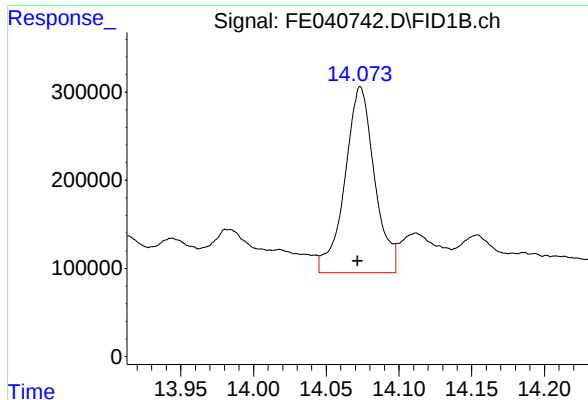
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.005 min
Response: 4950236
Conc: 28.89 ug/ml



#12 1-chlorooctadecane (SURR)

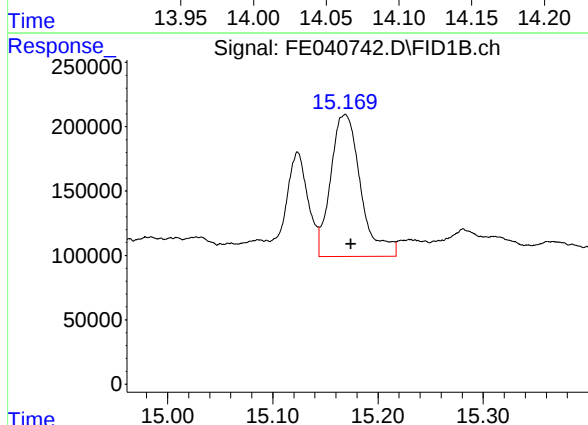
R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 37989230
Conc: 256.68 ug/ml



#13 n-Docosane (C22)

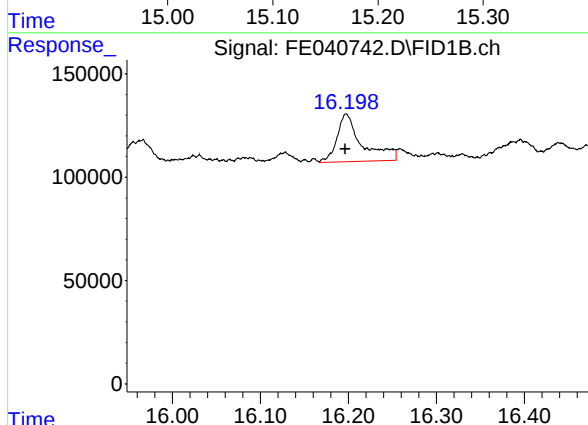
R.T.: 14.074 min
Delta R.T.: 0.002 min
Response: 2990707
Conc: 17.46 ug/ml

Instrument :
FID_E
ClientSampleId :



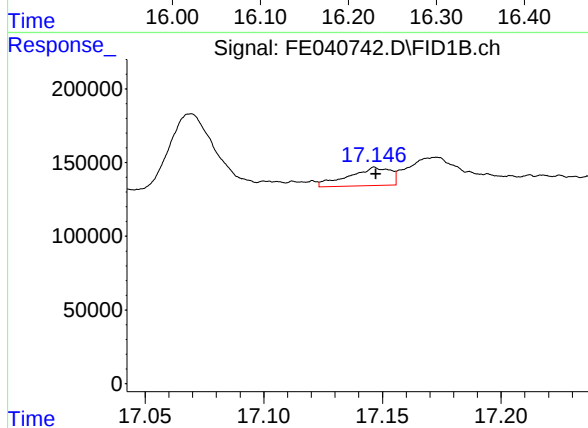
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.006 min
Response: 2186094
Conc: 12.68 ug/ml



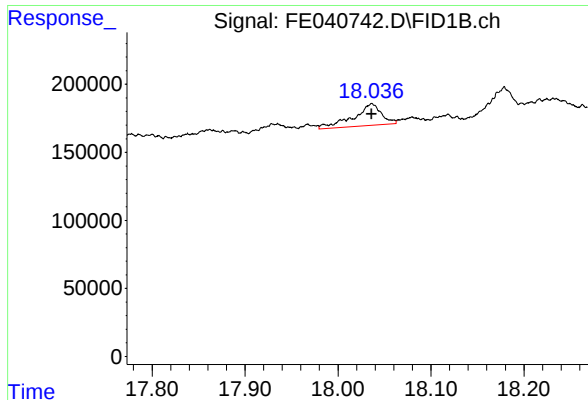
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 452581
Conc: 2.66 ug/ml



#16 n-Octacosane (C28)

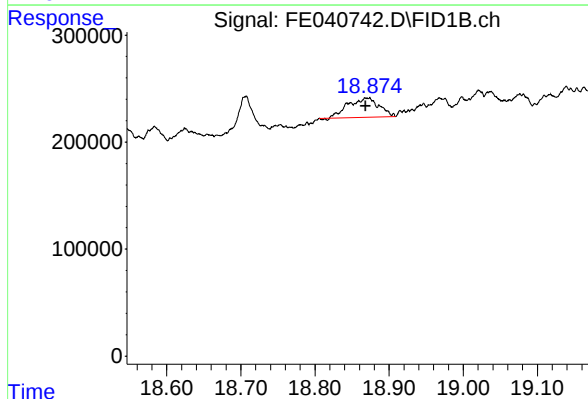
R.T.: 17.147 min
Delta R.T.: 0.000 min
Response: 151789
Conc: 0.91 ug/ml



#17 n-Tricontane (C30)

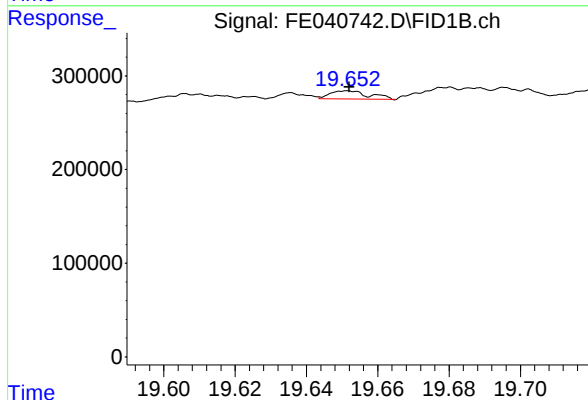
R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 329399
Conc: 2.02 ug/ml

Instrument :
FID_E
ClientSampleId :



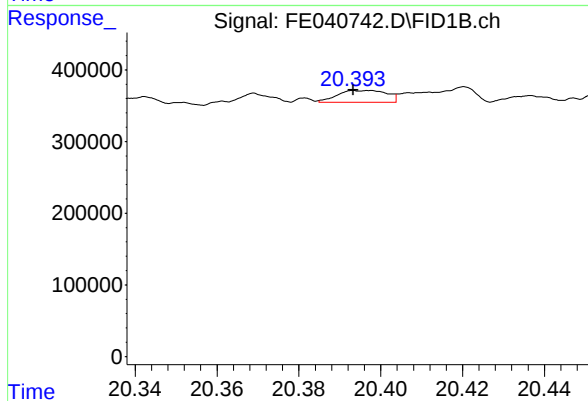
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.000 min
Response: 527563
Conc: 3.08 ug/ml



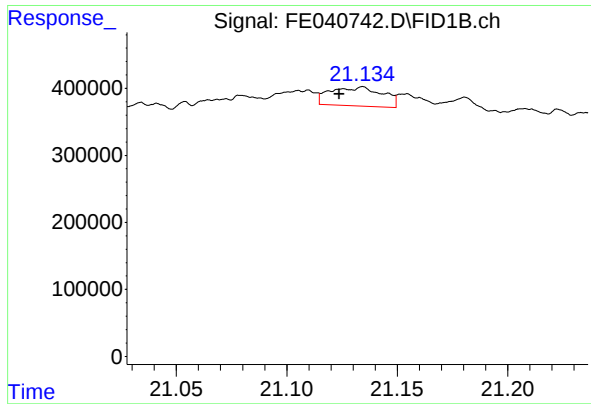
#19 n-Tetatriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.000 min
Response: 66352
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

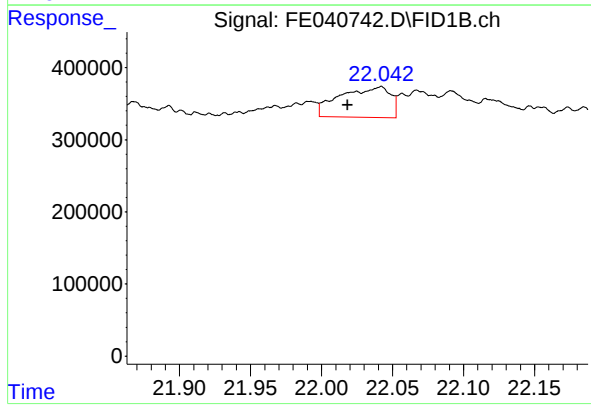
R.T.: 20.396 min
Delta R.T.: 0.003 min
Response: 136245
Conc: 0.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: 0.011 min
Response: 469670
Conc: 3.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.023 min
Response: 1048273
Conc: 6.78 ug/ml