

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042905.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2023 10:47
 Operator : YP\AJ
 Sample : 03343-07MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Integration File: autoint1.e
 Quant Time: Jun 26 01:19:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.923	3940894	21.452 ug/ml
Spiked Amount 50.000		Recovery =	42.90%
12) S 1-chlorooctadecane (S...	13.358	2984176	21.928 ug/ml
Spiked Amount 50.000		Recovery =	43.86%
Target Compounds			
1) T n-Nonane (C9)	3.320	6218625	40.258 ug/ml
2) T n-Decane (C10)	4.563	6337600	40.122 ug/ml
3) T A~Naphthalene (C11.7)	6.266	6954047	41.070 ug/ml
4) T n-Dodecane (C12)	6.724	6567554	41.030 ug/ml
5) T A~2-methylnaphthalene...	7.361	6667655	41.124 ug/ml
6) T n-Tetradecane (C14)	8.553	6591115	41.414 ug/ml
7) T n-Hexadecane (C16)	10.160	6394965	38.828 ug/ml
8) T n-Octadecane (C18)	11.604	6504649	39.133 ug/ml
10) T n-Eicosane (C20)	12.915	6097997	38.429 ug/ml
11) T n-Heneicosane (C21)	13.526	5962267	38.537 ug/ml
13) T n-Docosane (C22)	14.113	5907676	38.782 ug/ml
14) T n-Tetracosane (C24)	15.212	11792430	79.478 ug/ml
15) T n-Hexacosane (C26)	16.239	5725835	40.052 ug/ml
16) T n-Octacosane (C28)	17.189	5755854	41.500 ug/ml
17) T n-Tricontane (C30)	18.080	5769746	40.796 ug/ml
18) T n-Dotriacontane (C32)	18.911	5796694	41.328 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5664394	41.393 ug/ml
20) T n-Hexatriacontane (C36)	20.435	5496418	41.099 ug/ml
21) T n-Octatriacontane (C38)	21.179	5404582	39.640 ug/ml
22) T n-Tetracontane (C40)	22.102	5603625	40.277 ug/ml

(f)=RT Delta > 1/2 Window

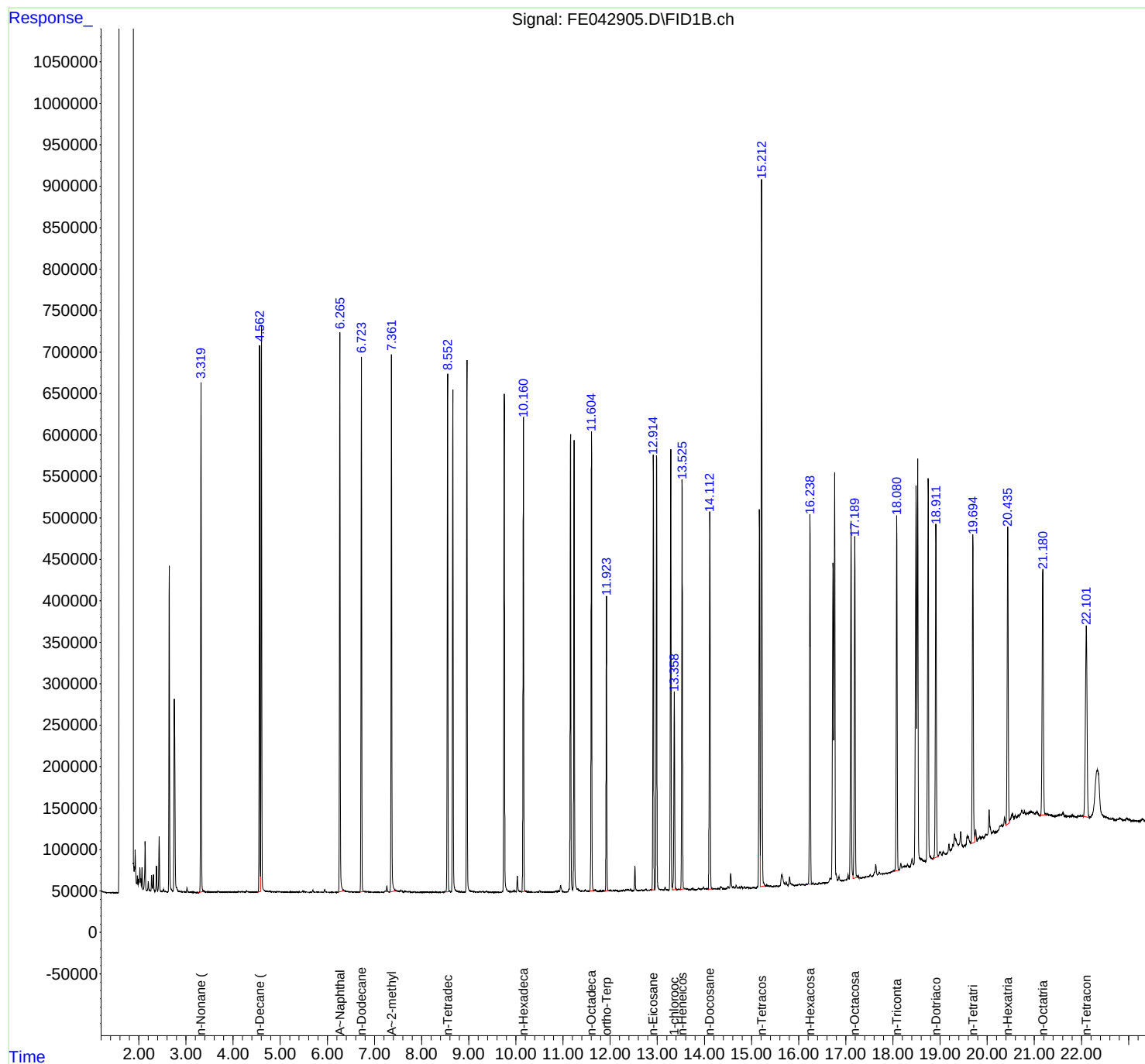
(m)=manual int.

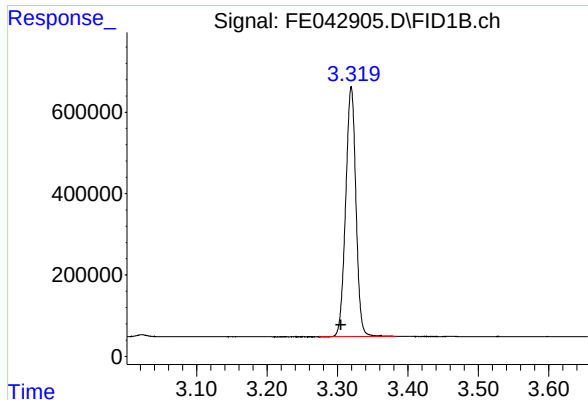
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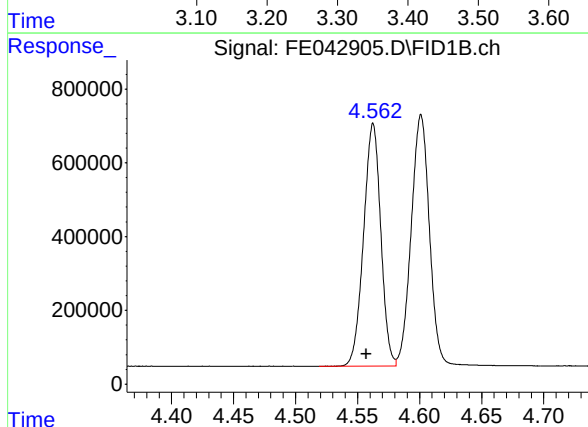




#1 n-Nonane (C9)

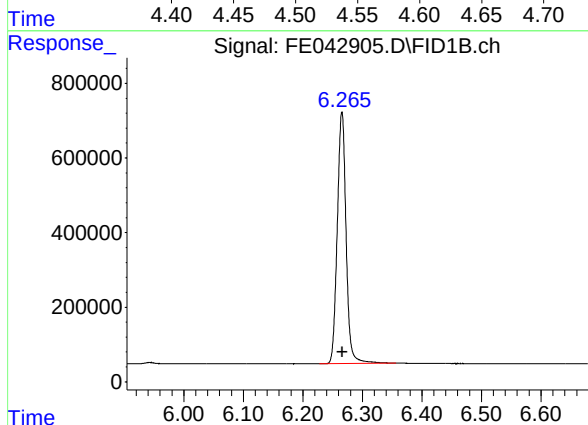
R.T.: 3.320 min
Delta R.T.: 0.015 min
Response: 6218625
Conc: 40.26 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



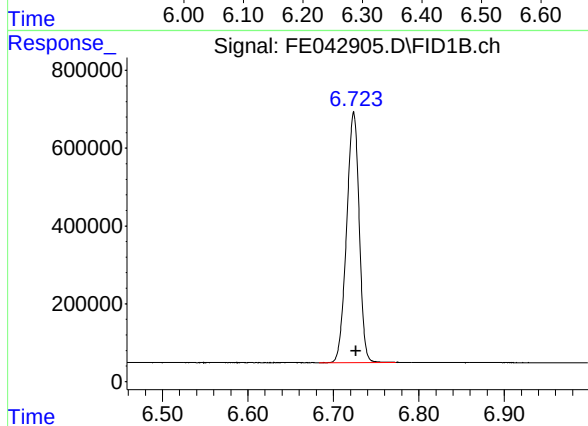
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.005 min
Response: 6337600
Conc: 40.12 ug/ml



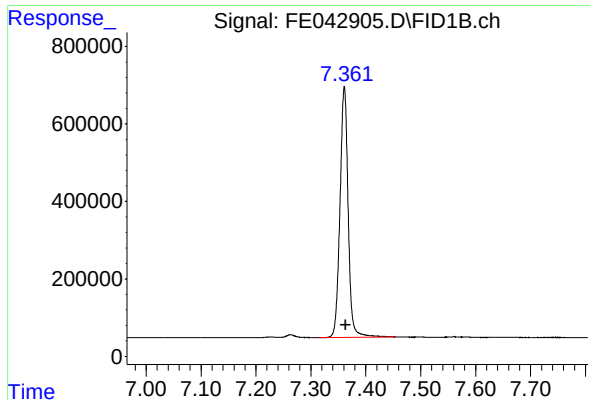
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 6954047
Conc: 41.07 ug/ml



#4 n-Dodecane (C12)

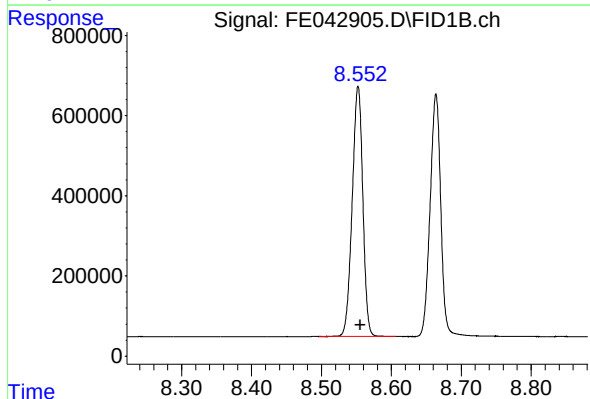
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 6567554
Conc: 41.03 ug/ml



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

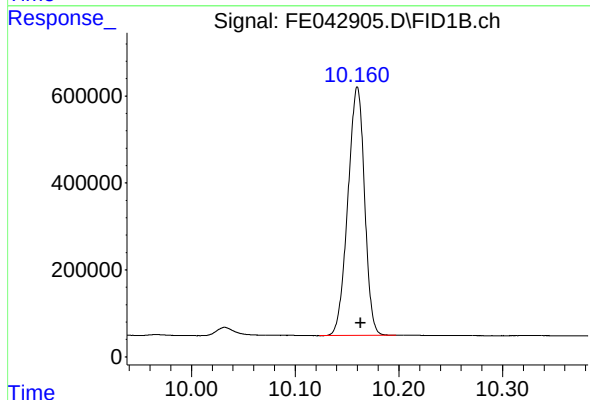
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 6667655
Conc: 41.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



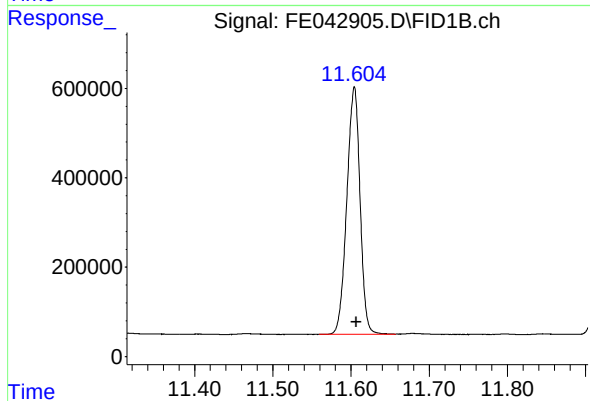
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.003 min
Response: 6591115
Conc: 41.41 ug/ml



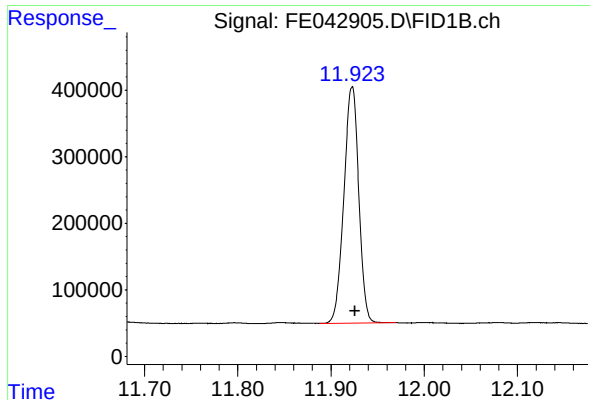
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.003 min
Response: 6394965
Conc: 38.83 ug/ml



#8 n-Octadecane (C18)

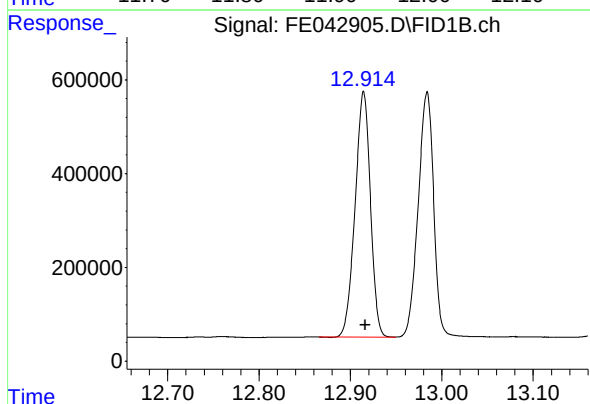
R.T.: 11.604 min
Delta R.T.: -0.002 min
Response: 6504649
Conc: 39.13 ug/ml



#9 ortho-Terphenyl (SURR)

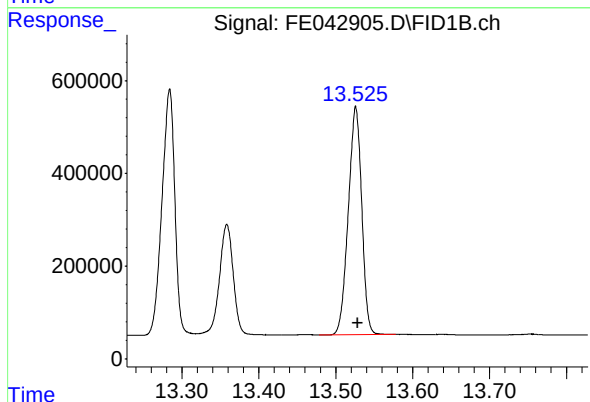
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 3940894
Conc: 21.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



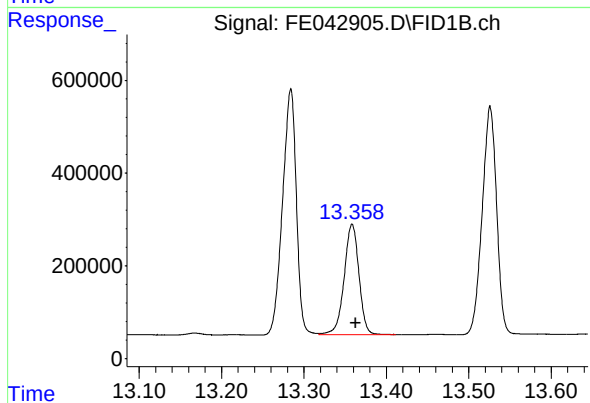
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.002 min
Response: 6097997
Conc: 38.43 ug/ml



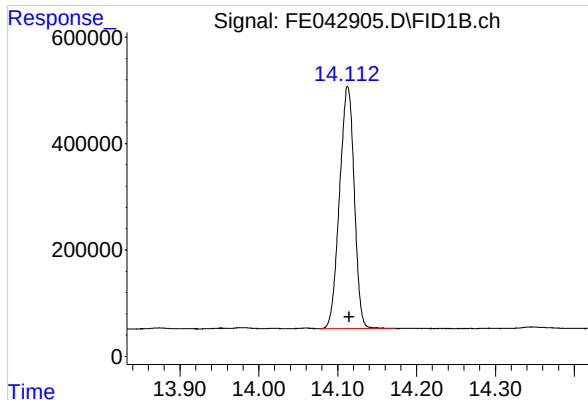
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.002 min
Response: 5962267
Conc: 38.54 ug/ml



#12 1-chlorooctadecane (SURR)

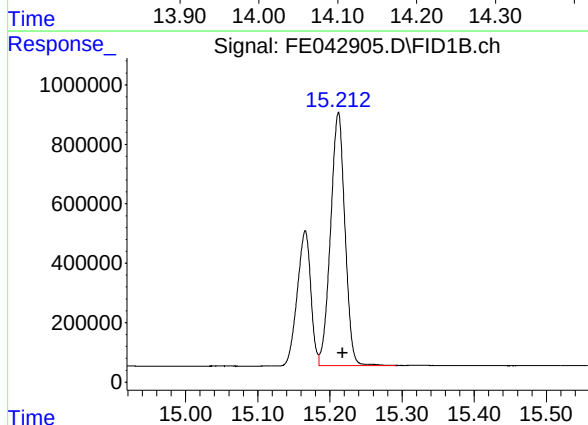
R.T.: 13.358 min
Delta R.T.: -0.004 min
Response: 2984176
Conc: 21.93 ug/ml



#13 n-Docosane (C22)

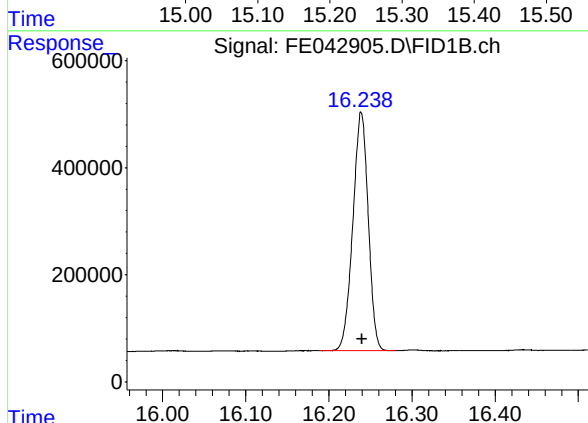
R.T.: 14.113 min
Delta R.T.: -0.002 min
Response: 5907676
Conc: 38.78 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



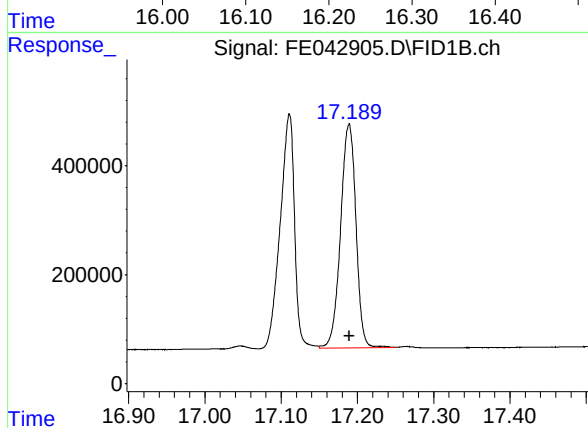
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 11792430
Conc: 79.48 ug/ml



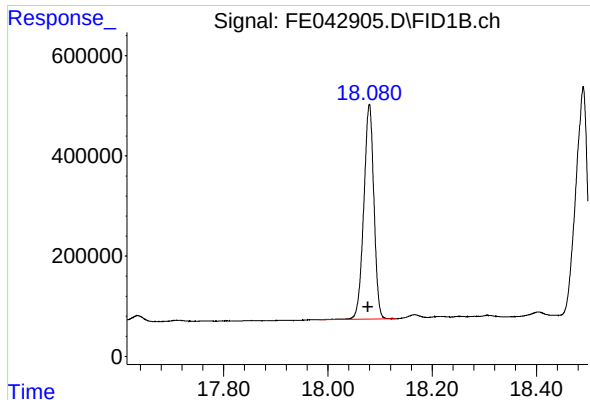
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 5725835
Conc: 40.05 ug/ml



#16 n-Octacosane (C28)

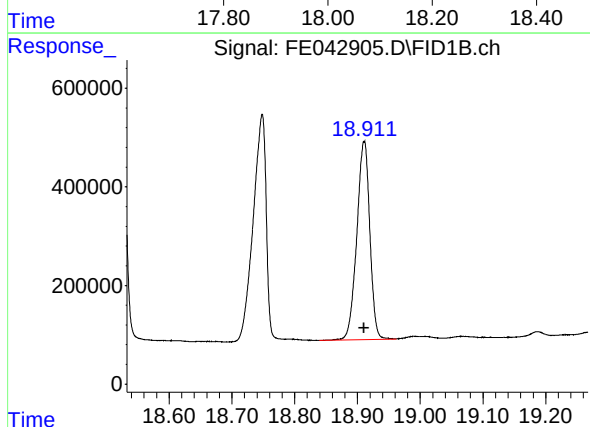
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 5755854
Conc: 41.50 ug/ml



#17 n-Tricontane (C30)

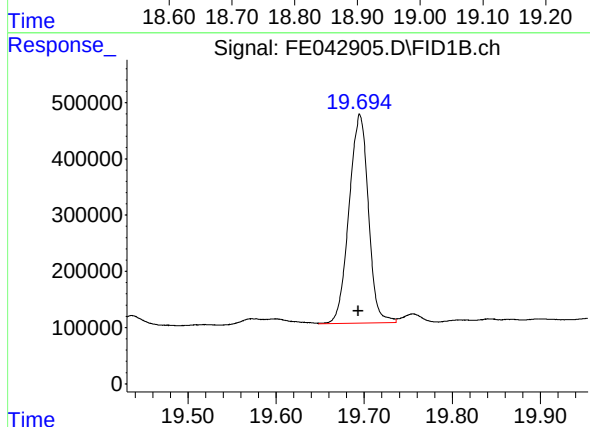
R.T.: 18.080 min
Delta R.T.: 0.002 min
Response: 5769746
Conc: 40.80 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



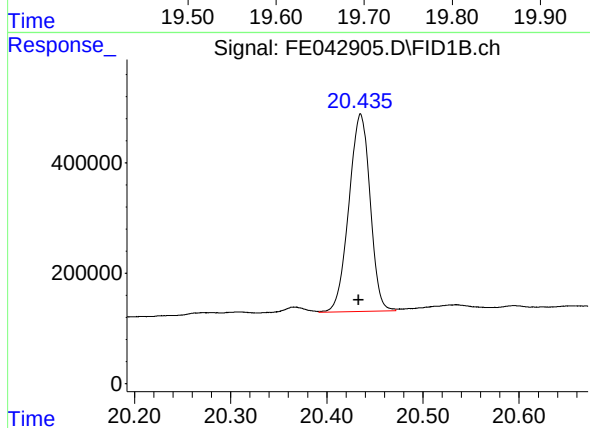
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 5796694
Conc: 41.33 ug/ml



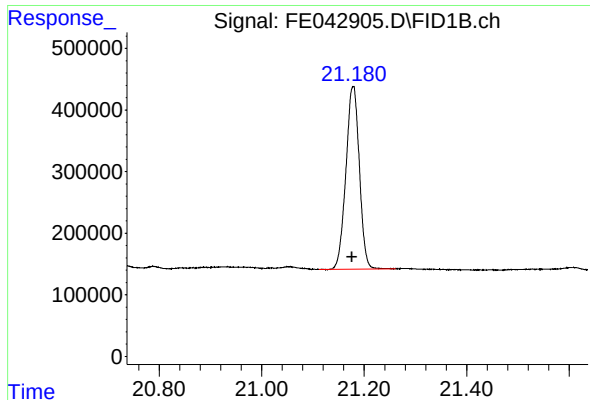
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.002 min
Response: 5664394
Conc: 41.39 ug/ml



#20 n-Hexatriacontane (C36)

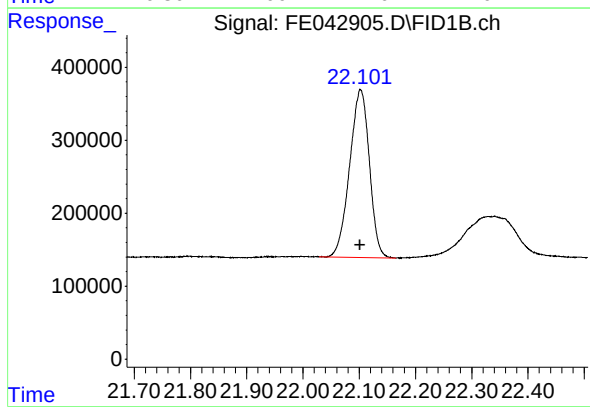
R.T.: 20.435 min
Delta R.T.: 0.002 min
Response: 5496418
Conc: 41.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.002 min
Response: 5404582
Conc: 39.64 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.000 min
Response: 5603625
Conc: 40.28 ug/ml