

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071824AL\
 Data File : FE049182.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2024 14:28
 Operator : YP\AJ
 Sample : PB162143BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162143BSD

Integration File: autoint1.e
 Quant Time: Jul 19 01:31:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.912	6546316	42.206 ug/ml
Spiked Amount 50.000		Recovery =	84.41%
12) S 1-chlorooctadecane (S...	13.347	5581057	47.768 ug/ml
Spiked Amount 50.000		Recovery =	95.54%
Target Compounds			
1) T n-Nonane (C9)	3.307	4904836	32.614 ug/ml
2) T n-Decane (C10)	4.553	5225478	33.832 ug/ml
3) T A~Naphthalene (C11.7)	6.256	5872779	37.694 ug/ml
4) T n-Dodecane (C12)	6.716	5291042	34.362 ug/ml
5) T A~2-methylnaphthalene...	7.351	5949371	40.881 ug/ml
6) T n-Tetradecane (C14)	8.545	5710860	37.627 ug/ml
7) T n-Hexadecane (C16)	10.150	5817824	38.362 ug/ml
8) T n-Octadecane (C18)	11.593	5767966	37.989 ug/ml
10) T n-Eicosane (C20)	12.902	5749299	39.758 ug/ml
11) T n-Heneicosane (C21)	13.514	5560378	39.211 ug/ml
13) T n-Docosane (C22)	14.099	5525866	39.332 ug/ml
14) T n-Tetracosane (C24)	15.193	10460459	74.637 ug/ml
15) T n-Hexacosane (C26)	16.221	5514520	39.327 ug/ml
16) T n-Octacosane (C28)	17.169	5736451	40.984 ug/ml
17) T n-Tricontane (C30)	18.057	5590981	38.328 ug/ml
18) T n-Dotriacontane (C32)	18.887	5764071	39.201 ug/ml
19) T n-Tetratriacontane (C34)	19.670	5767619	39.486 ug/ml
20) T n-Hexatriacontane (C36)	20.410	6051676	41.979 ug/ml
21) T n-Octatriacontane (C38)	21.142	6096903	40.730 ug/ml
22) T n-Tetracontane (C40)	22.047	5994830	39.726 ug/ml

(f)=RT Delta > 1/2 Window

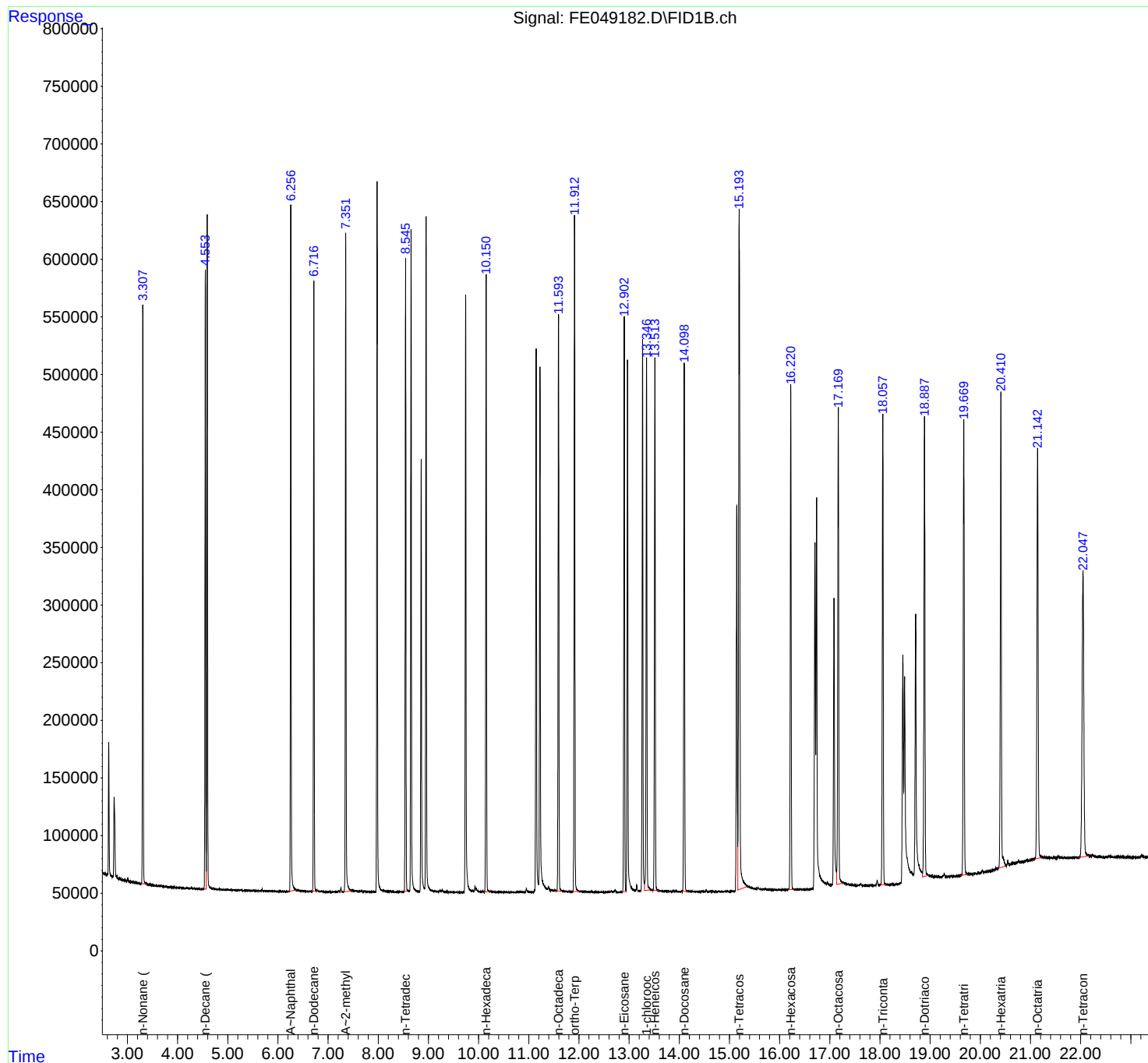
(m)=manual int.

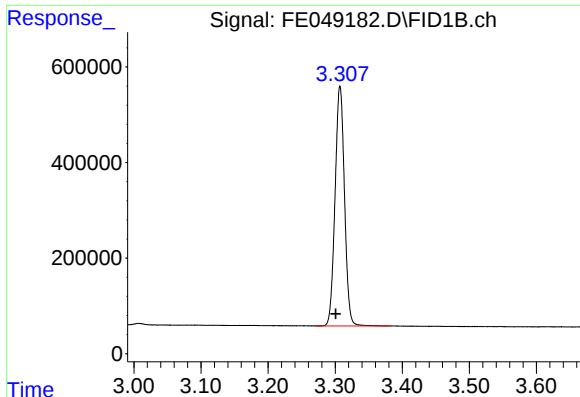
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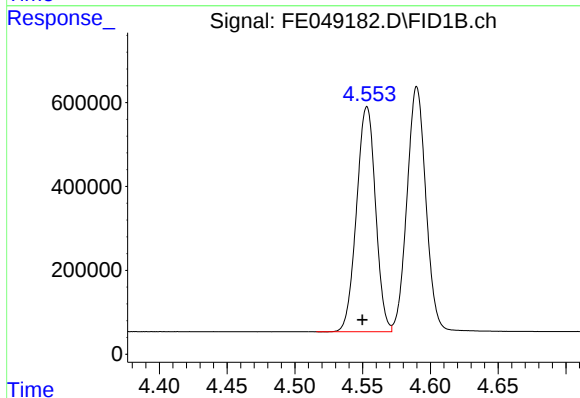




#1 n-Nonane (C9)

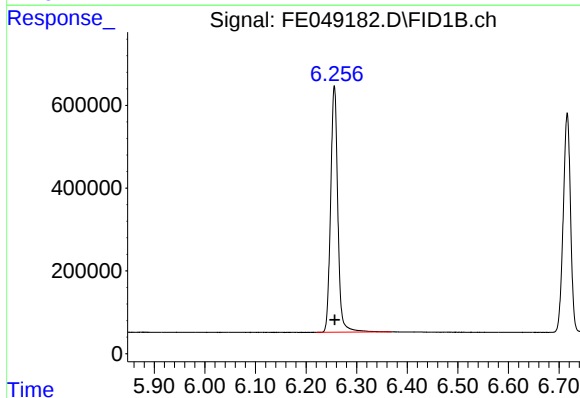
R.T.: 3.307 min
Delta R.T.: 0.006 min
Response: 4904836
Conc: 32.61 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162143BSD



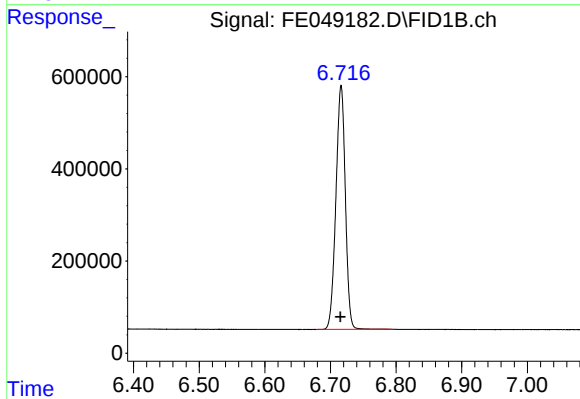
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: 0.004 min
Response: 5225478
Conc: 33.83 ug/ml



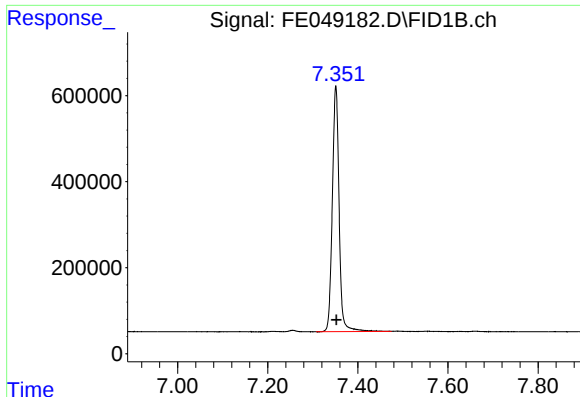
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 5872779
Conc: 37.69 ug/ml



#4 n-Dodecane (C12)

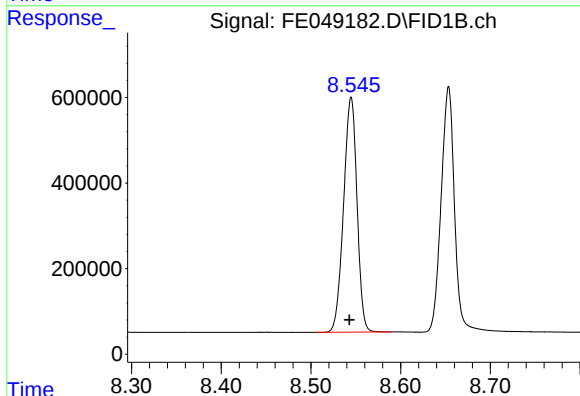
R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 5291042
Conc: 34.36 ug/ml



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

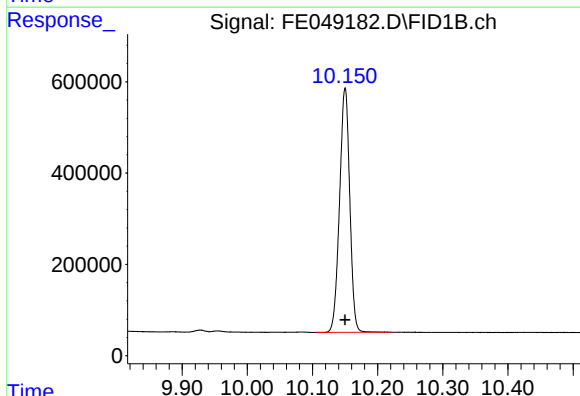
R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 5949371
Conc: 40.88 ug/ml

Instrument :
FID_E
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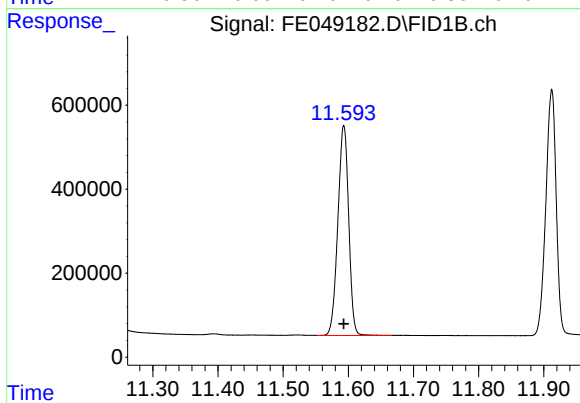
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: 0.002 min
Response: 5710860
Conc: 37.63 ug/ml



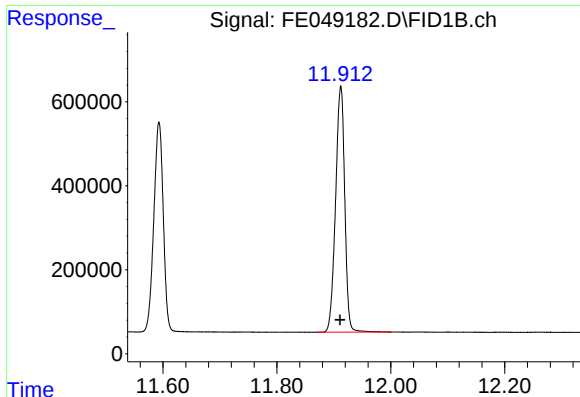
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 5817824
Conc: 38.36 ug/ml



#8 n-Octadecane (C18)

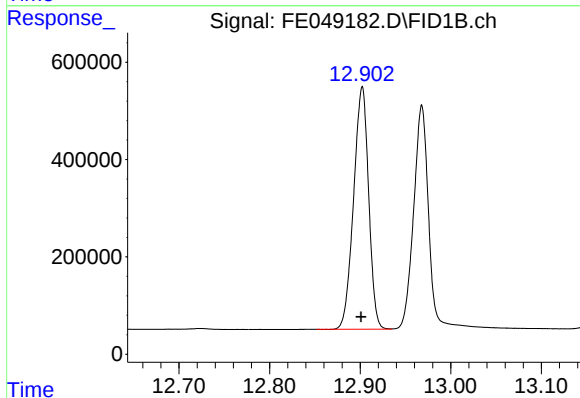
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 5767966
Conc: 37.99 ug/ml



#9 ortho-Terphenyl (SURR)

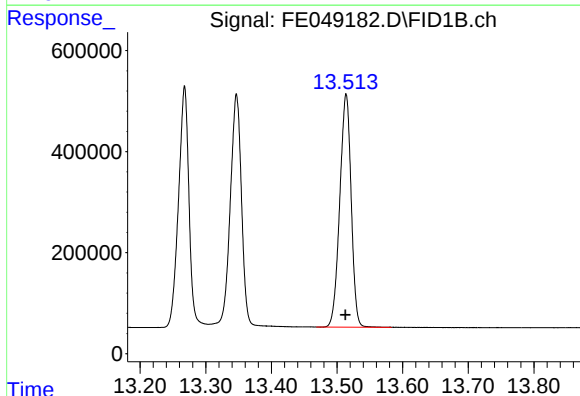
R.T.: 11.912 min
Delta R.T.: 0.002 min
Response: 6546316
Conc: 42.21 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162143BSD



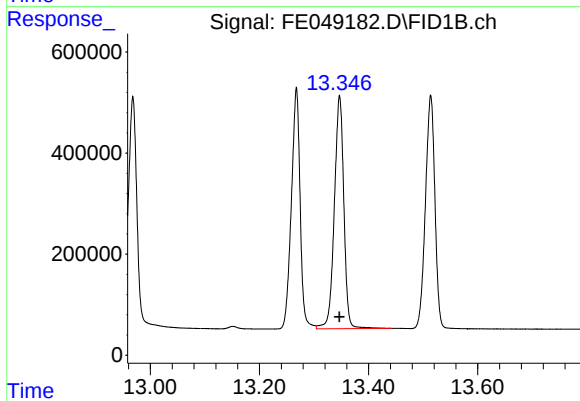
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.001 min
Response: 5749299
Conc: 39.76 ug/ml



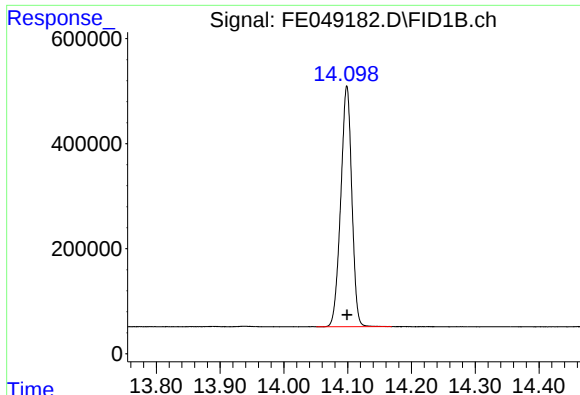
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 5560378
Conc: 39.21 ug/ml



#12 1-chlorooctadecane (SURR)

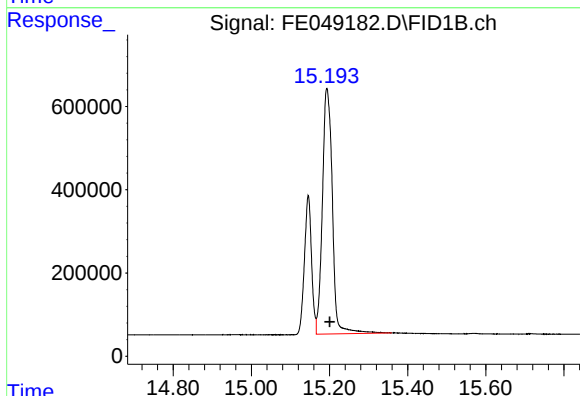
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 5581057
Conc: 47.77 ug/ml



#13 n-Docosane (C22)

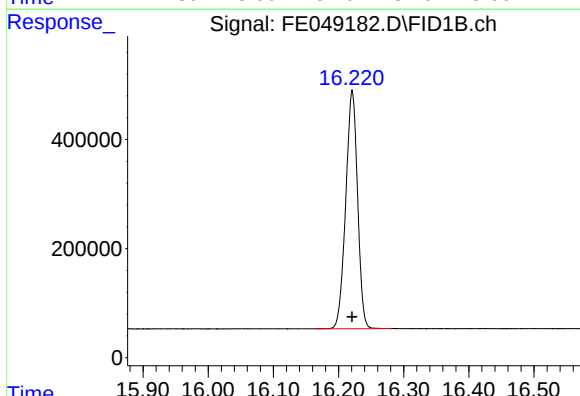
R.T.: 14.099 min
Delta R.T.: 0.000 min
Response: 5525866
Conc: 39.33 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162143BSD



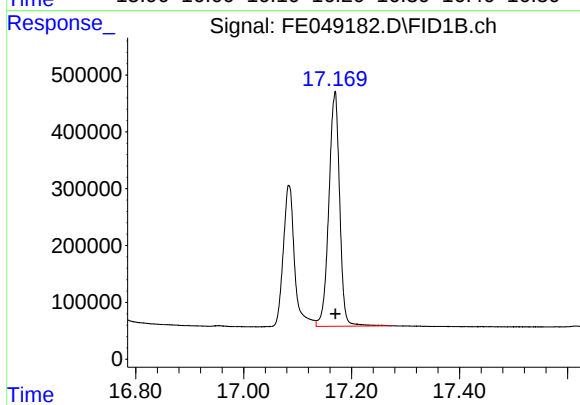
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.007 min
Response: 10460459
Conc: 74.64 ug/ml



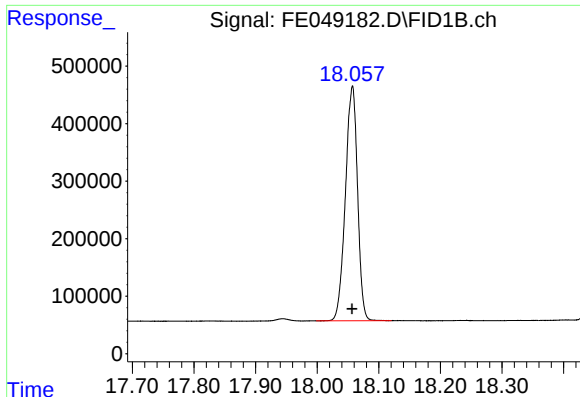
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 5514520
Conc: 39.33 ug/ml



#16 n-Octacosane (C28)

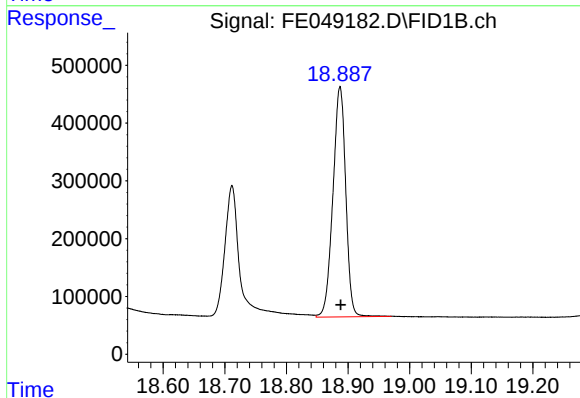
R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 5736451
Conc: 40.98 ug/ml



#17 n-Tricontane (C30)

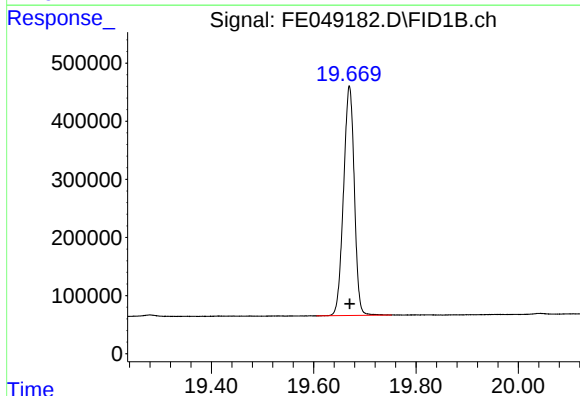
R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 5590981
Conc: 38.33 ug/ml

Instrument :
FID_E
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PB162143BSD



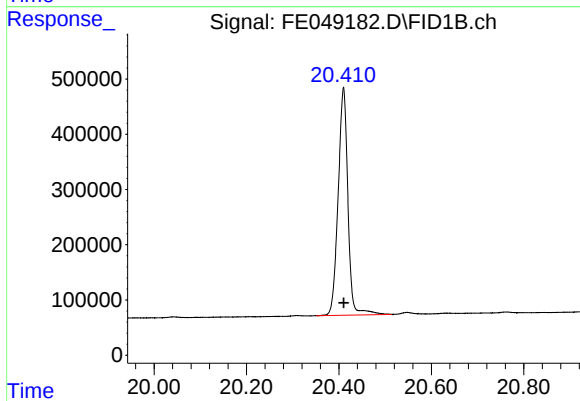
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.001 min
Response: 5764071
Conc: 39.20 ug/ml



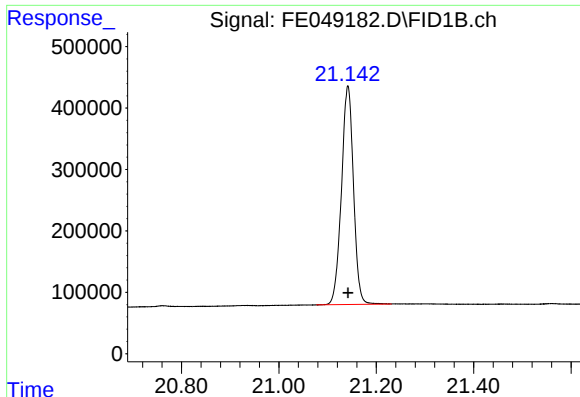
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: 0.000 min
Response: 5767619
Conc: 39.49 ug/ml



#20 n-Hexatriacontane (C36)

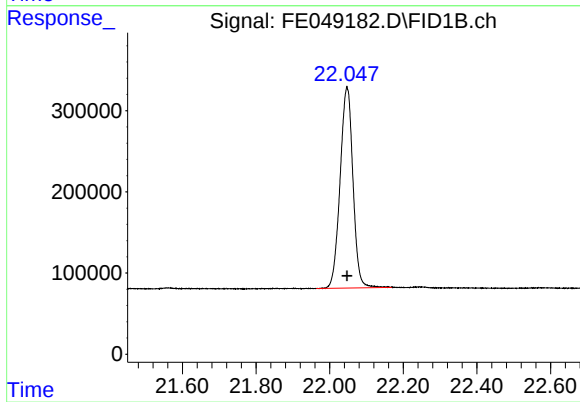
R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 6051676
Conc: 41.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 6096903
Conc: 40.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162143BSD



#22 n-Tetracontane (C40)

R.T.: 22.047 min
Delta R.T.: 0.000 min
Response: 5994830
Conc: 39.73 ug/ml