

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052378.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 16:14
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 13 17:52:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 17:40:38 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)	11.924	8776330	49.121 ug/ml
Spiked Amount 50.000		Recovery =	98.24%
12) S 1-chlorooctadecane (S...	13.370	6534176	49.155 ug/ml
Spiked Amount 50.000		Recovery =	98.31%
Target Compounds			
1) T n-Nonane (C9)	3.255	7229418	49.136 ug/ml
2) T n-Decane (C10)	4.518	7368942	49.157 ug/ml
3) T A~Naphthalene (C11.7)	6.231	8179558	49.269 ug/ml
4) T n-Dodecane (C12)	6.701	7447333	49.160 ug/ml
5) T A~2-methylnaphthalene...	7.334	7958016	49.186 ug/ml
6) T n-Tetradecane (C14)	8.540	7439181	49.208 ug/ml
7) T n-Hexadecane (C16)	10.157	7699299	49.185 ug/ml
8) T n-Octadecane (C18)	11.608	7775583	49.211 ug/ml
10) T n-Eicosane (C20)	12.924	7477283	49.205 ug/ml
11) T n-Heneicosane (C21)	13.538	7349051	49.184 ug/ml
13) T n-Docosane (C22)	14.127	7349325	49.276 ug/ml
14) T n-Tetracosane (C24)	15.235	7390863	49.524 ug/ml
15) T n-Hexacosane (C26)	16.260	7284856	49.632 ug/ml
16) T n-Octacosane (C28)	17.214	7144657	49.626 ug/ml
17) T n-Tricontane (C30)	18.104	7133348	49.241 ug/ml
18) T n-Dotriacontane (C32)	18.940	6842971	49.036 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6345899	49.438 ug/ml
20) T n-Hexatriacontane (C36)	20.469	5635881	50.076 ug/ml
21) T n-Octatriacontane (C38)	21.214	5036559	50.042 ug/ml
22) T n-Tetracontane (C40)	22.144	4695465	49.898 ug/ml

(f)=RT Delta > 1/2 Window

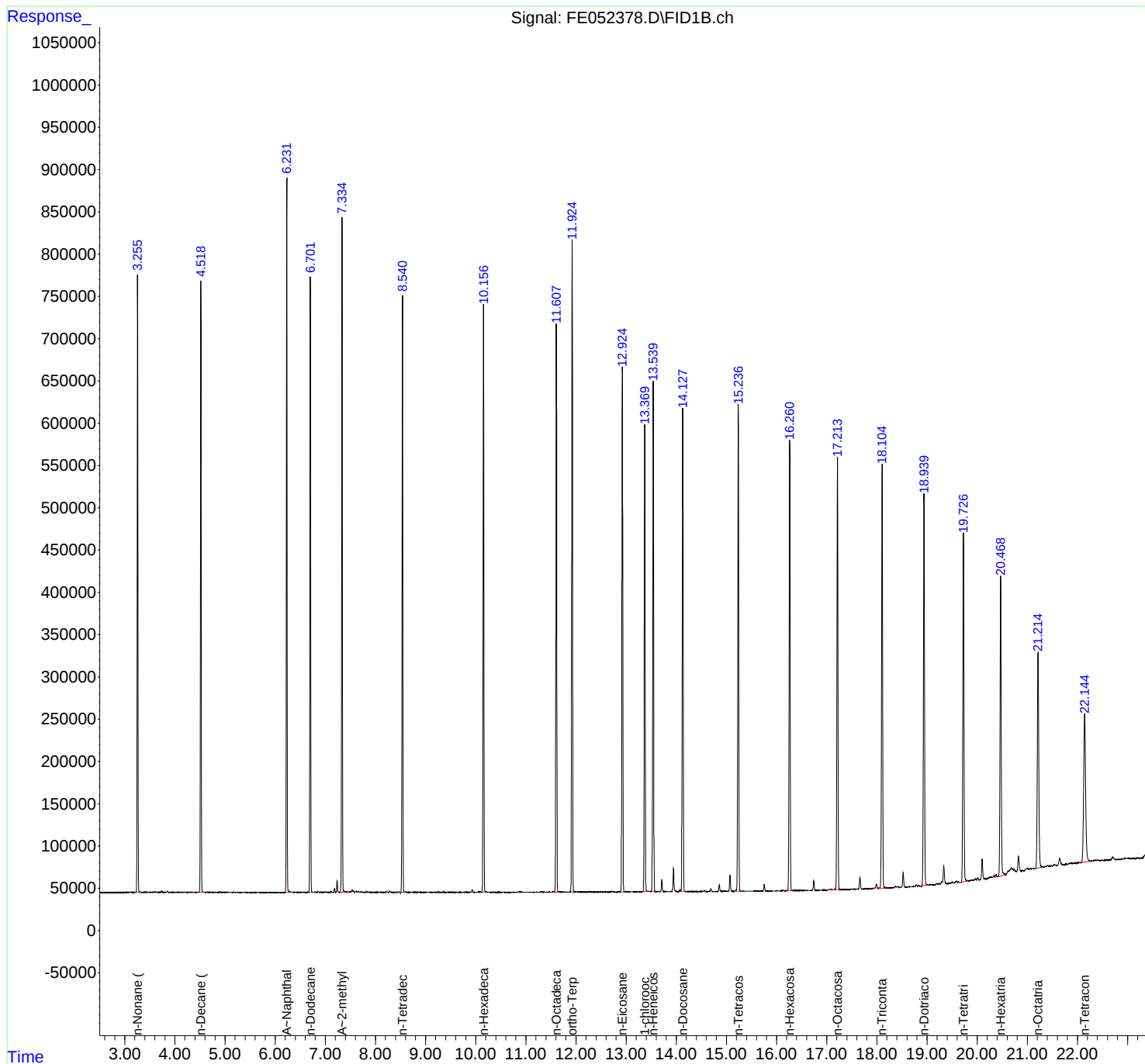
(m)=manual int.

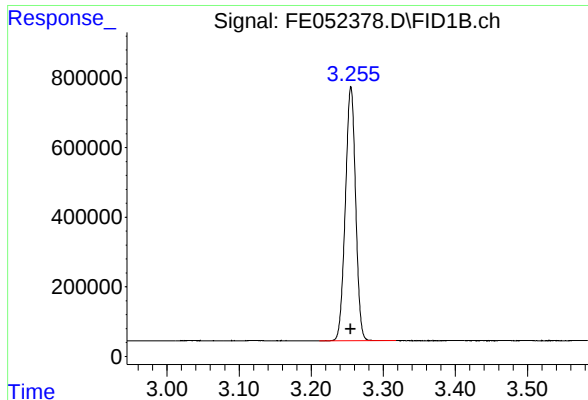
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
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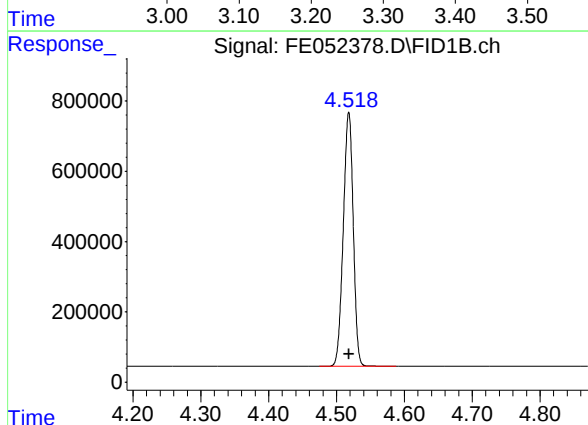




#1 n-Nonane (C9)

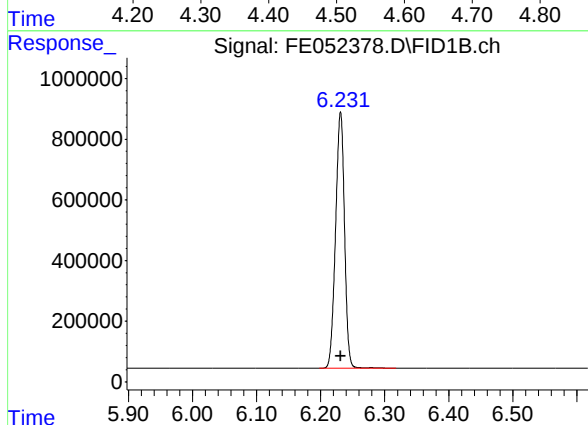
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 7229418
Conc: 49.14 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



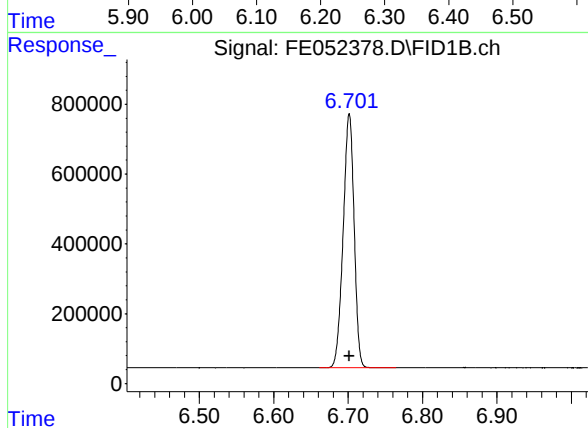
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 7368942
Conc: 49.16 ug/ml



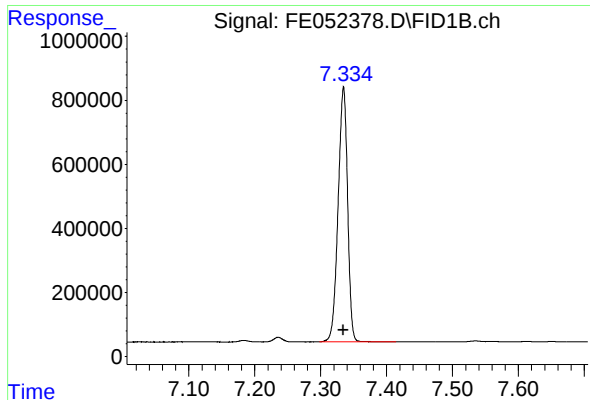
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 8179558
Conc: 49.27 ug/ml



#4 n-Dodecane (C12)

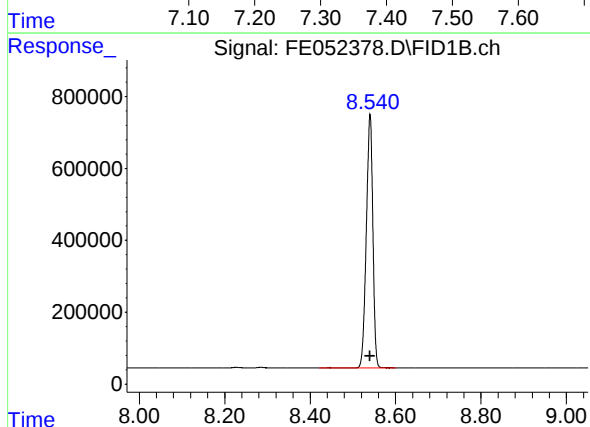
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 7447333
Conc: 49.16 ug/ml



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

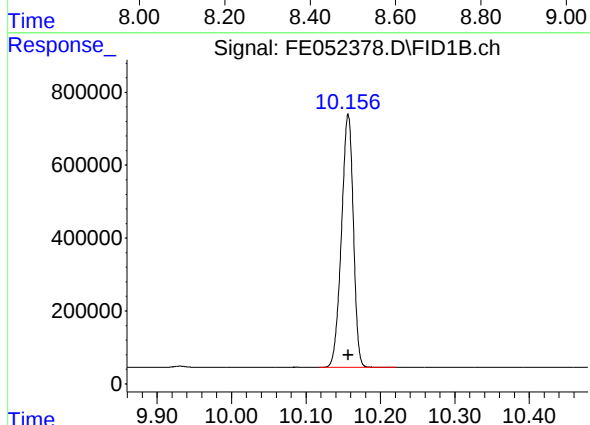
R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 7958016
Conc: 49.19 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



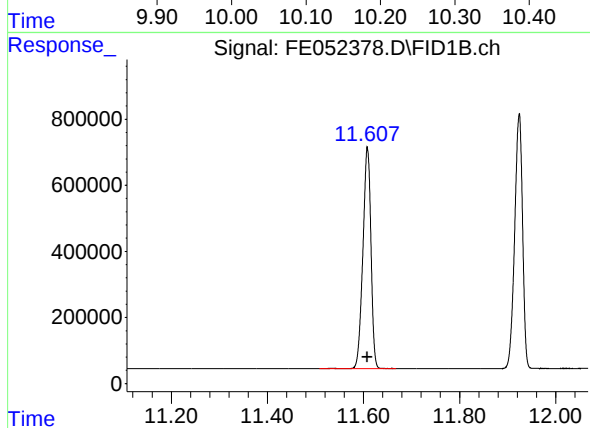
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 7439181
Conc: 49.21 ug/ml



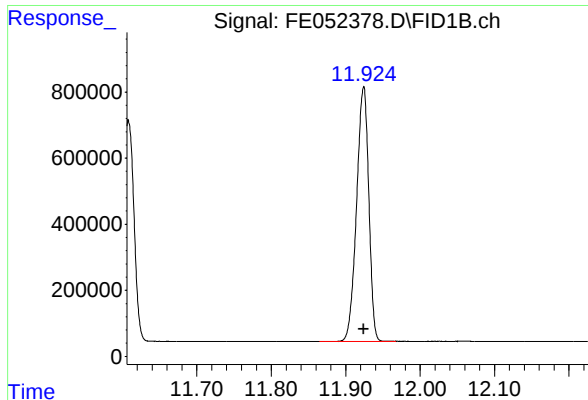
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 7699299
Conc: 49.18 ug/ml



#8 n-Octadecane (C18)

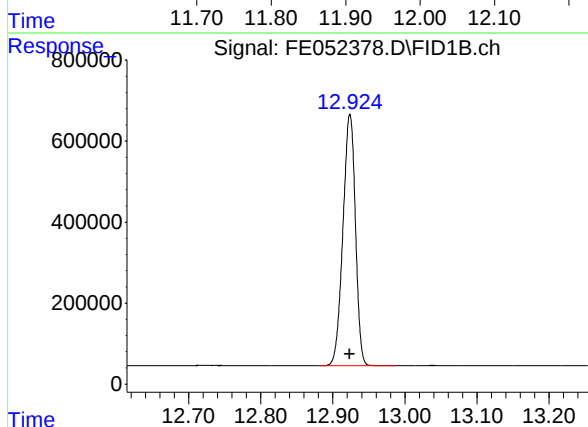
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 7775583
Conc: 49.21 ug/ml



#9 ortho-Terphenyl (SURR)

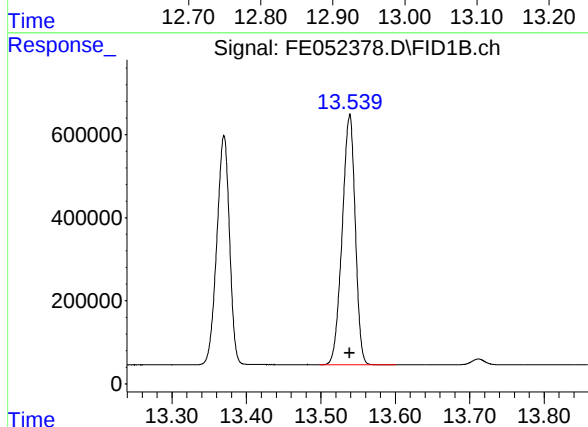
R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 8776330
Conc: 49.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



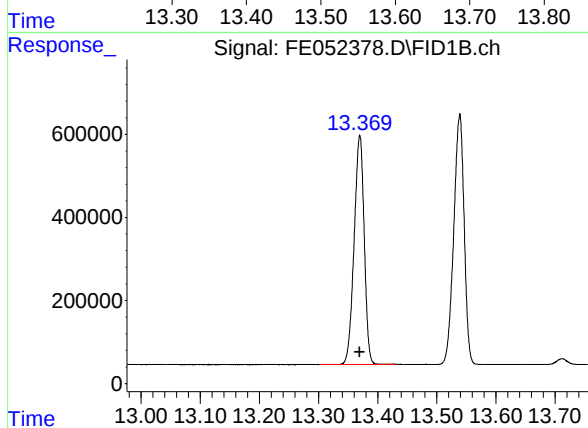
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 7477283
Conc: 49.21 ug/ml



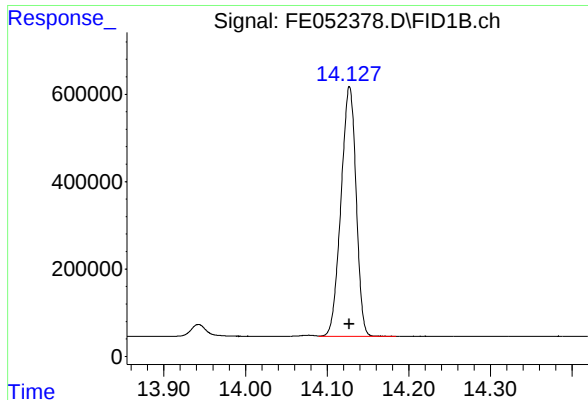
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.000 min
Response: 7349051
Conc: 49.18 ug/ml



#12 1-chlorooctadecane (SURR)

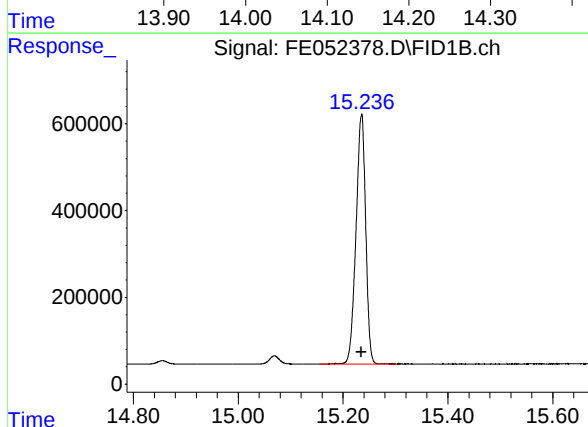
R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 6534176
Conc: 49.15 ug/ml



#13 n-Docosane (C22)

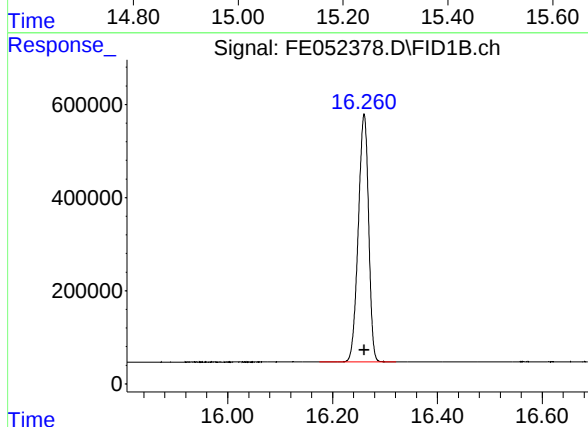
R.T.: 14.127 min
Delta R.T.: 0.000 min
Response: 7349325
Conc: 49.28 ug/ml

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50 PPM ALIPHATIC HC STD2



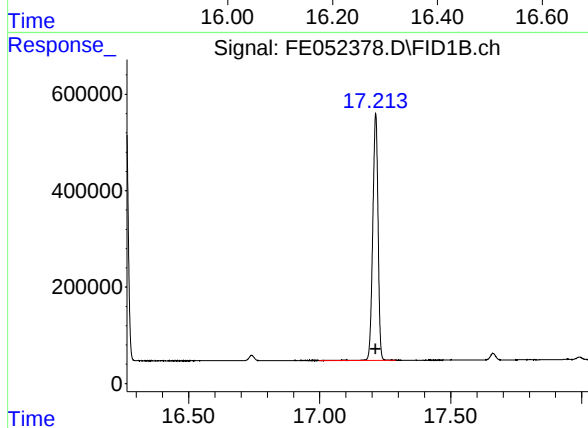
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.000 min
Response: 7390863
Conc: 49.52 ug/ml



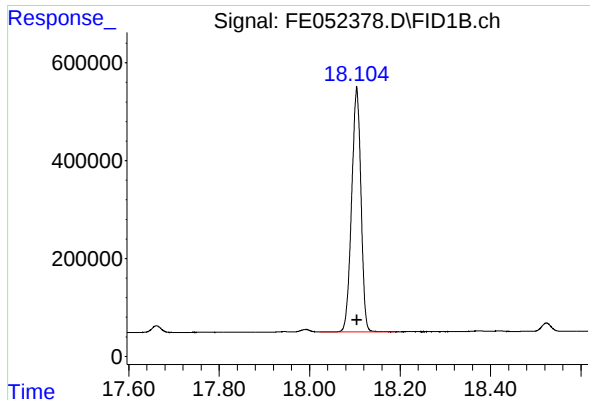
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 7284856
Conc: 49.63 ug/ml



#16 n-Octacosane (C28)

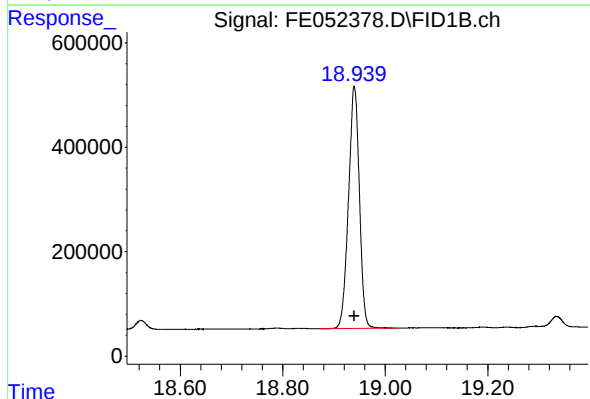
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 7144657
Conc: 49.63 ug/ml



#17 n-Tricontane (C30)

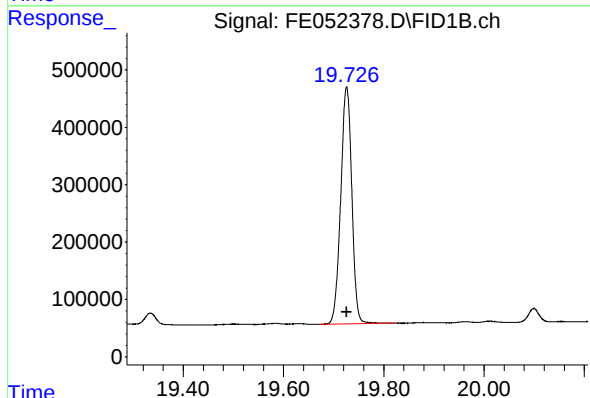
R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 7133348
Conc: 49.24 ug/ml

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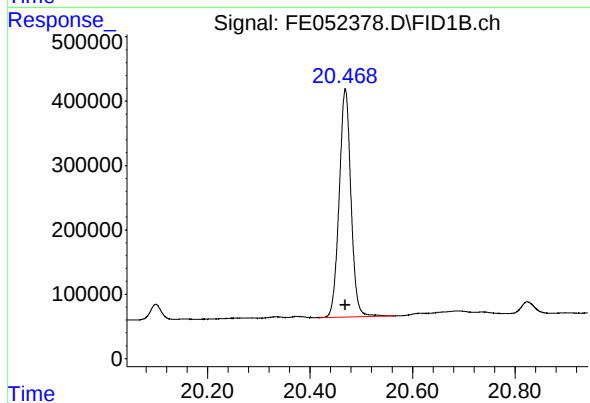
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 6842971
Conc: 49.04 ug/ml



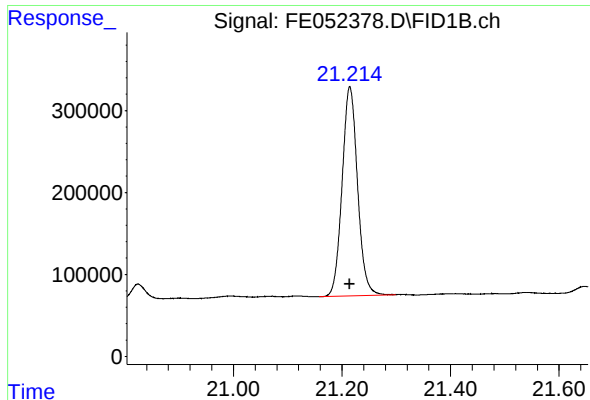
#19 n-Tetatriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.000 min
Response: 6345899
Conc: 49.44 ug/ml



#20 n-Hexatriacontane (C36)

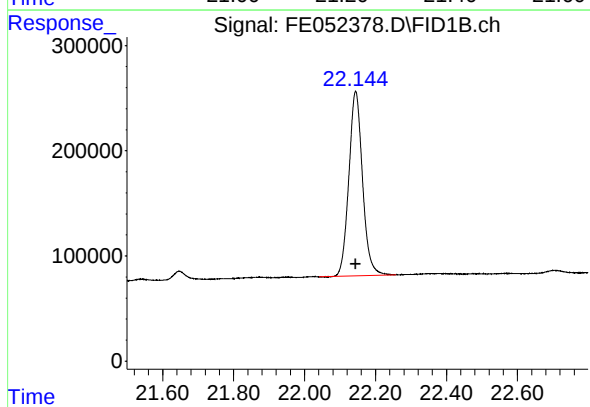
R.T.: 20.469 min
Delta R.T.: 0.000 min
Response: 5635881
Conc: 50.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 5036559
Conc: 50.04 ug/ml

Instrument :
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ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.000 min
Response: 4695465
Conc: 49.90 ug/ml