

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042685.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 06:26
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 19 02:29:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:24:28 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)	11.942	9186666	48.679 ug/ml
Spiked Amount 50.000		Recovery =	97.36%
12) S 1-chlorooctadecane (S...	13.377	6858324	48.689 ug/ml
Spiked Amount 50.000		Recovery =	97.38%
Target Compounds			
1) T n-Nonane (C9)	3.318	7483251	48.642 ug/ml
2) T n-Decane (C10)	4.570	7666394	48.662 ug/ml
3) T A~Naphthalene (C11.7)	6.280	8442177	48.833 ug/ml
4) T n-Dodecane (C12)	6.740	7763374	48.558 ug/ml
5) T A~2-methylnaphthalene...	7.378	8165198	48.800 ug/ml
6) T n-Tetradecane (C14)	8.569	7721679	48.561 ug/ml
7) T n-Hexadecane (C16)	10.177	8015375	48.574 ug/ml
8) T n-Octadecane (C18)	11.622	8141282	48.576 ug/ml
10) T n-Eicosane (C20)	12.931	7855248	48.622 ug/ml
11) T n-Heneicosane (C21)	13.543	7714564	48.680 ug/ml
13) T n-Docosane (C22)	14.129	7636139	48.689 ug/ml
14) T n-Tetracosane (C24)	15.232	7469741	48.723 ug/ml
15) T n-Hexacosane (C26)	16.255	7142716	48.719 ug/ml
16) T n-Octacosane (C28)	17.204	6759298	48.693 ug/ml
17) T n-Tricontane (C30)	18.093	6612757	48.560 ug/ml
18) T n-Dotriacontane (C32)	18.926	6359710	48.480 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6224780	48.558 ug/ml
20) T n-Hexatriacontane (C36)	20.450	6098255	48.778 ug/ml
21) T n-Octatriacontane (C38)	21.197	6174069	48.635 ug/ml
22) T n-Tetracontane (C40)	22.127	6189584	48.416 ug/ml

(f)=RT Delta > 1/2 Window

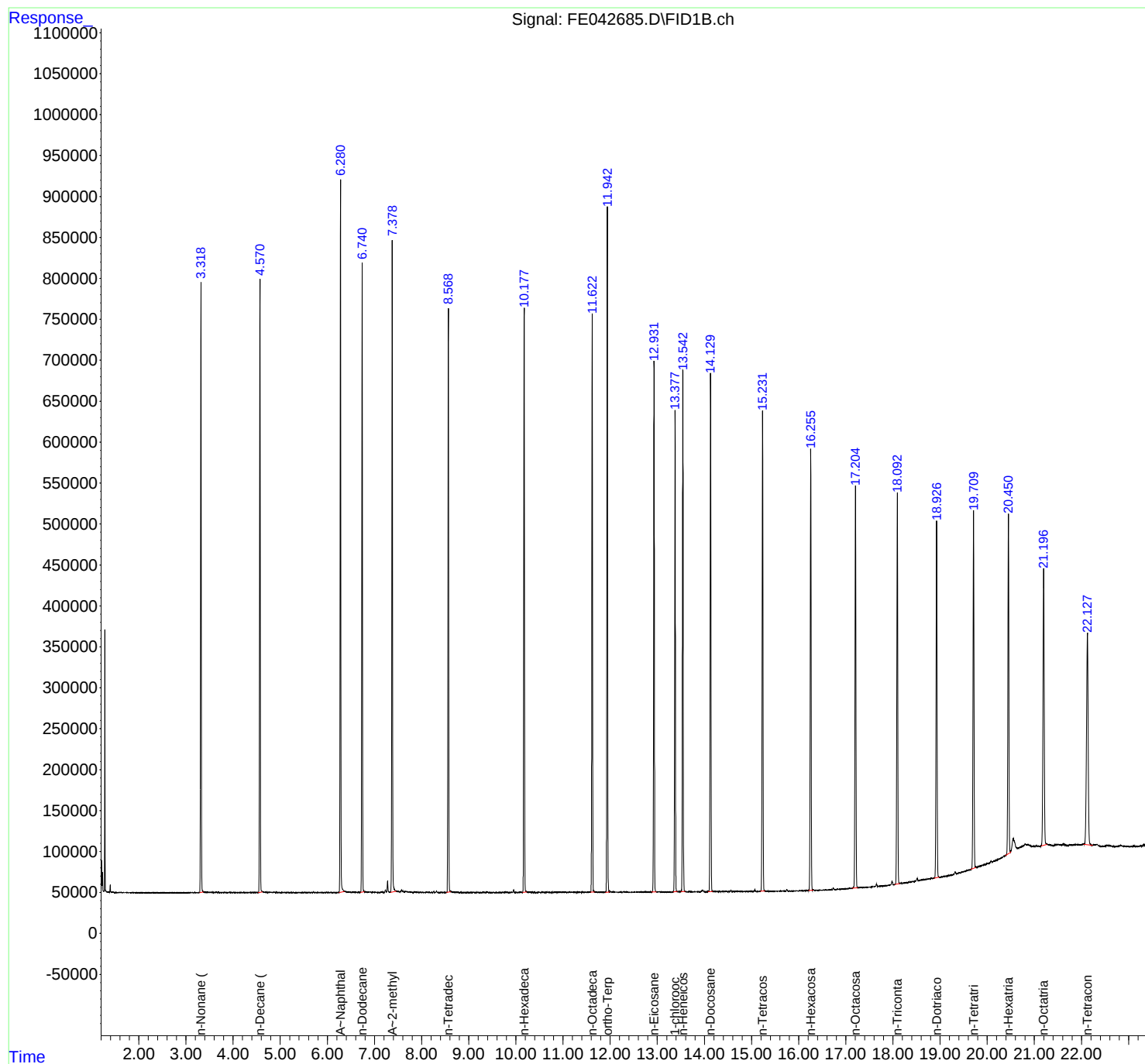
(m)=manual int.

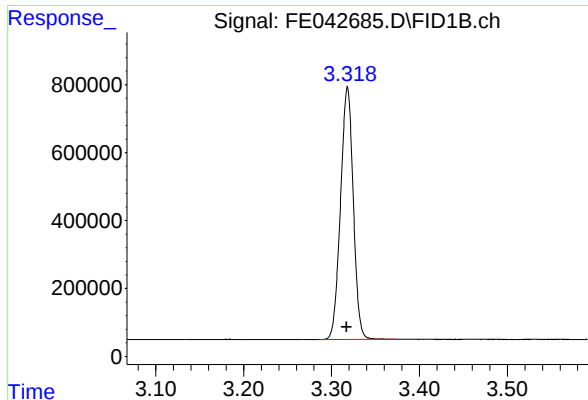
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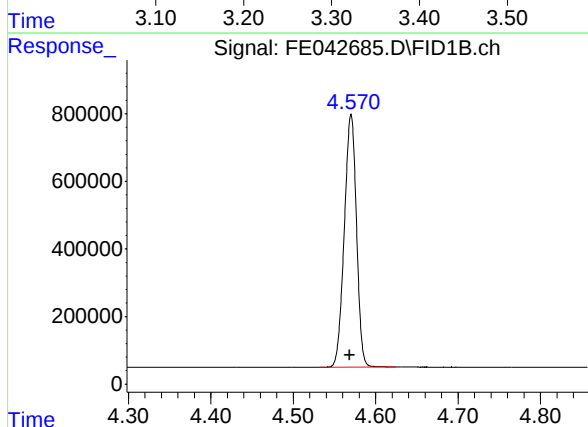




#1 n-Nonane (C9)

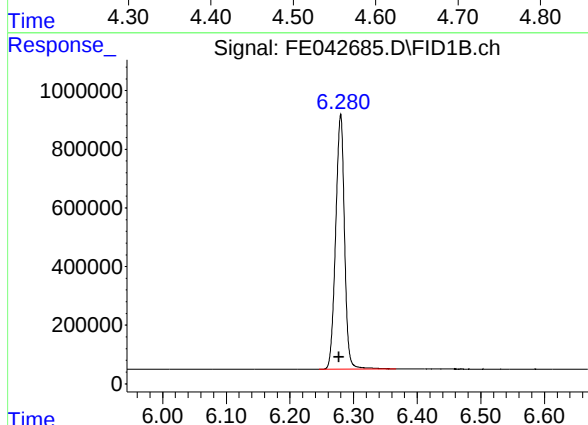
R.T.: 3.318 min
Delta R.T.: 0.001 min
Response: 7483251
Conc: 48.64 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



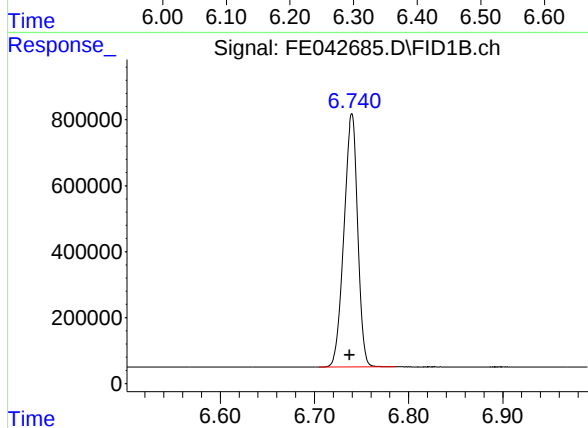
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 7666394
Conc: 48.66 ug/ml



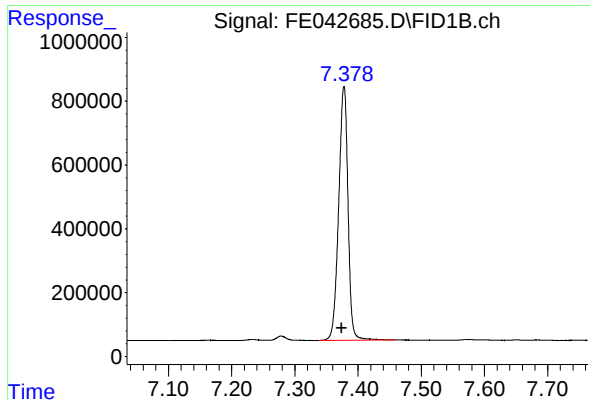
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 8442177
Conc: 48.83 ug/ml



#4 n-Dodecane (C12)

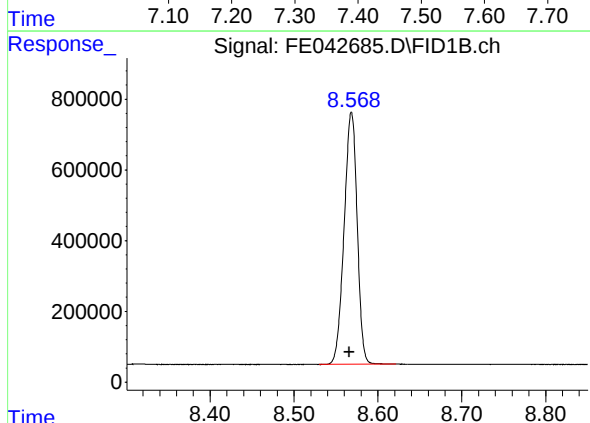
R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 7763374
Conc: 48.56 ug/ml



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

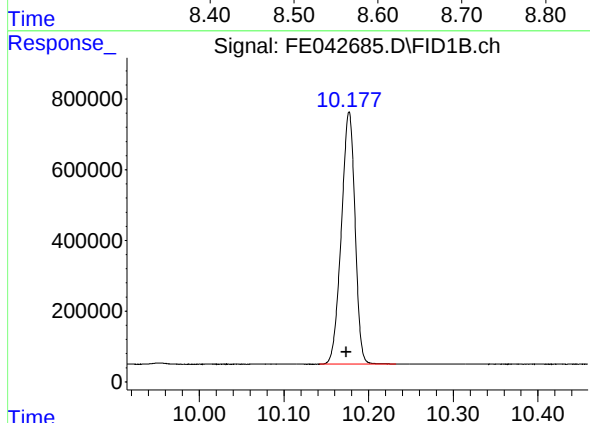
R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 8165198
Conc: 48.80 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



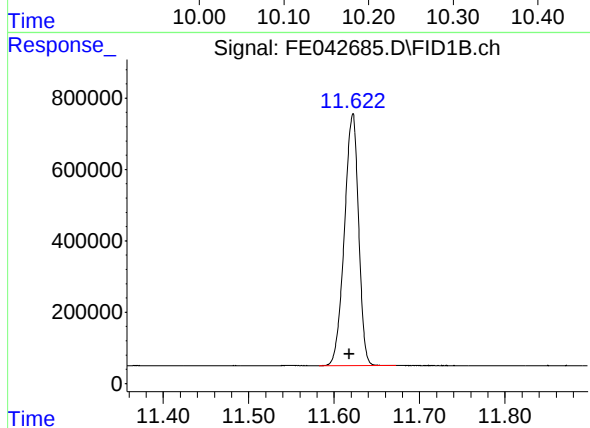
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 7721679
Conc: 48.56 ug/ml



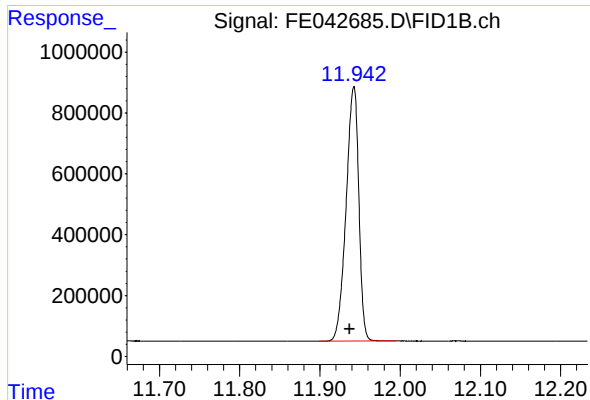
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.003 min
Response: 8015375
Conc: 48.57 ug/ml



#8 n-Octadecane (C18)

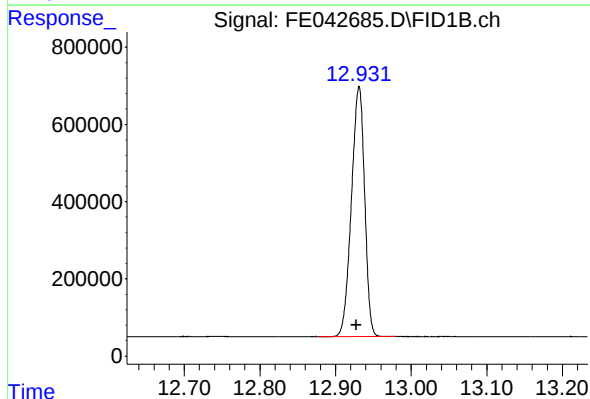
R.T.: 11.622 min
Delta R.T.: 0.004 min
Response: 8141282
Conc: 48.58 ug/ml



#9 ortho-Terphenyl (SURR)

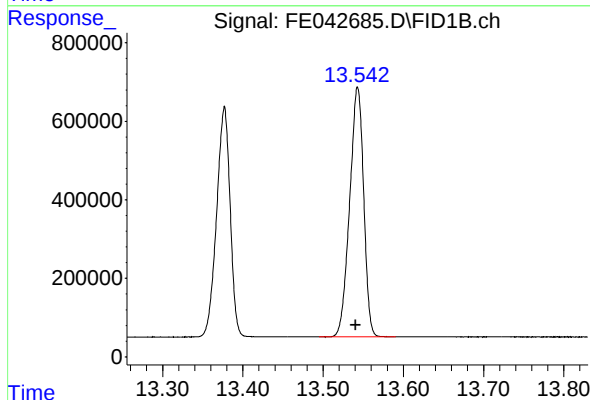
R.T.: 11.942 min
Delta R.T.: 0.005 min
Response: 9186666
Conc: 48.68 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



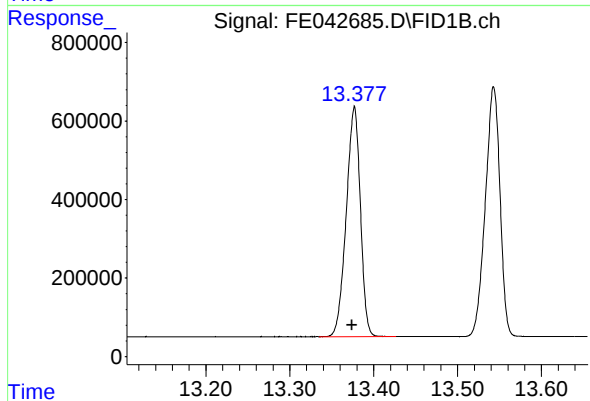
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.004 min
Response: 7855248
Conc: 48.62 ug/ml



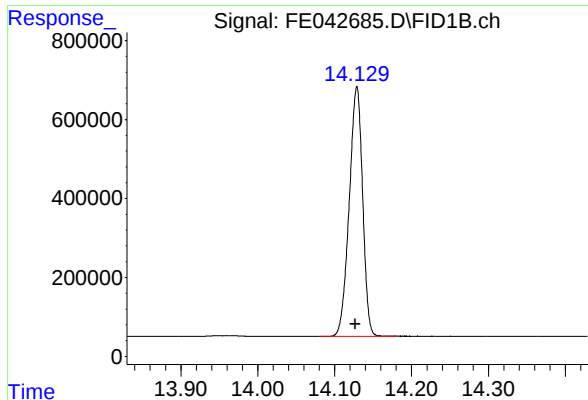
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.002 min
Response: 7714564
Conc: 48.68 ug/ml



#12 1-chlorooctadecane (SURR)

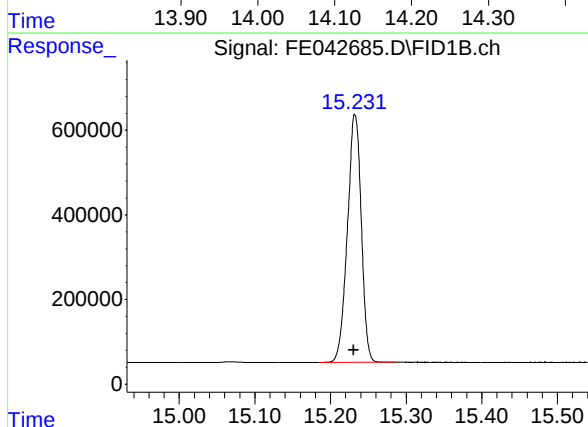
R.T.: 13.377 min
Delta R.T.: 0.003 min
Response: 6858324
Conc: 48.69 ug/ml



#13 n-Docosane (C22)

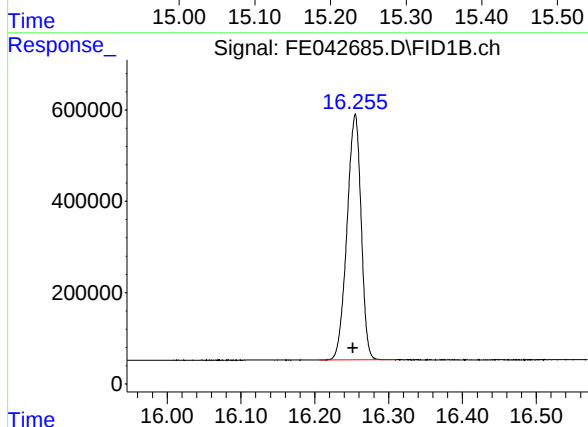
R.T.: 14.129 min
Delta R.T.: 0.002 min
Response: 7636139
Conc: 48.69 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



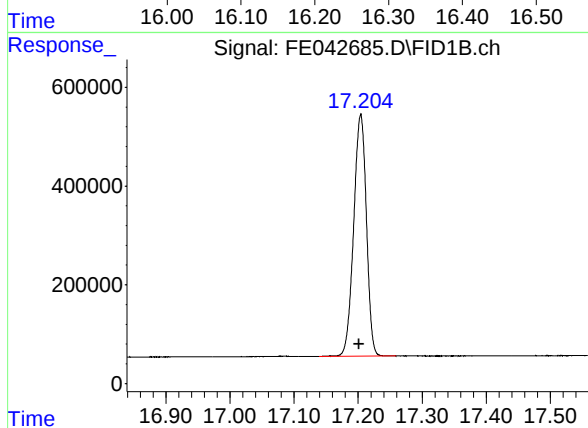
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: 0.002 min
Response: 7469741
Conc: 48.72 ug/ml



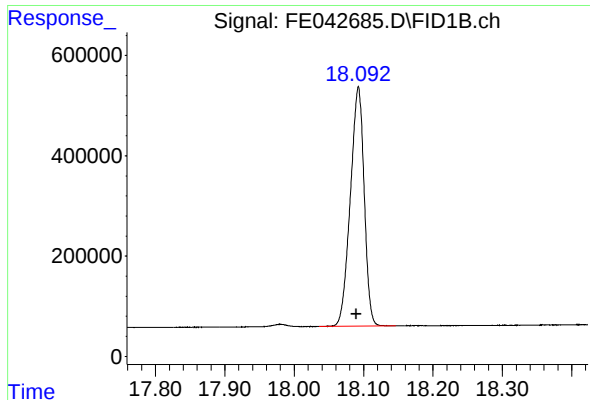
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.003 min
Response: 7142716
Conc: 48.72 ug/ml



#16 n-Octacosane (C28)

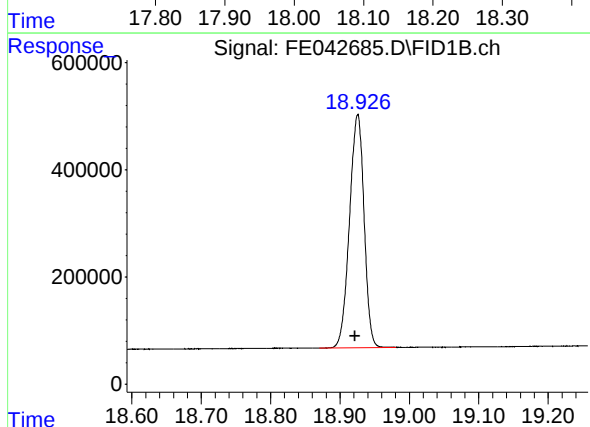
R.T.: 17.204 min
Delta R.T.: 0.003 min
Response: 6759298
Conc: 48.69 ug/ml



#17 n-Tricontane (C30)

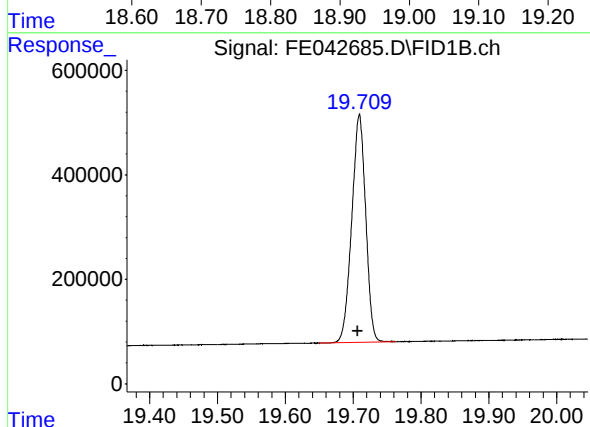
R.T.: 18.093 min
Delta R.T.: 0.003 min
Response: 6612757
Conc: 48.56 ug/ml

Instrument :
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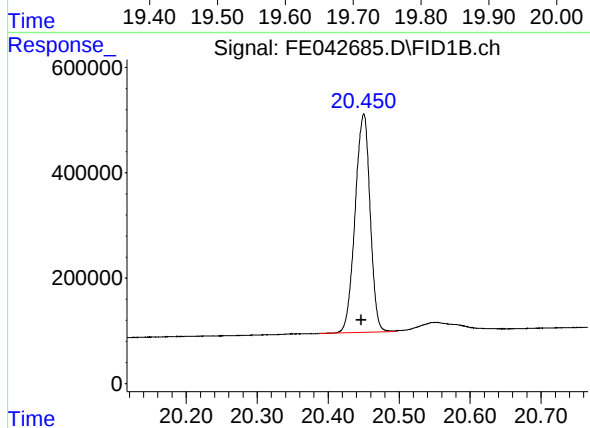
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.004 min
Response: 6359710
Conc: 48.48 ug/ml



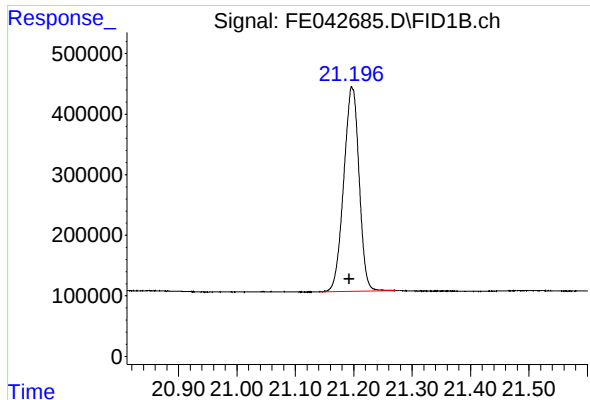
#19 n-Tetatriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.002 min
Response: 6224780
Conc: 48.56 ug/ml



#20 n-Hexatriacontane (C36)

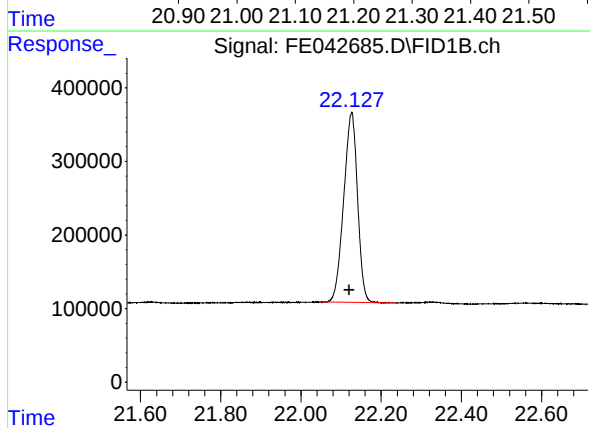
R.T.: 20.450 min
Delta R.T.: 0.004 min
Response: 6098255
Conc: 48.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.005 min
Response: 6174069
Conc: 48.63 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.006 min
Response: 6189584
Conc: 48.42 ug/ml