

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082224AL\
 Data File : FE049705.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2024 16:53
 Operator : YP\AJ
 Sample : PB162915BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162915BSD

Integration File: autoint1.e
 Quant Time: Aug 23 01:31:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.887	6885191	42.577 ug/ml
Spiked Amount 50.000		Recovery =	85.15%
12) S 1-chlorooctadecane (S...	13.321	5343731	43.799 ug/ml
Spiked Amount 50.000		Recovery =	87.60%
Target Compounds			
1) T n-Nonane (C9)	3.285	6231948	40.270 ug/ml
2) T n-Decane (C10)	4.532	6602298	41.816 ug/ml
3) T A~Naphthalene (C11.7)	6.234	6811214	42.450 ug/ml
4) T n-Dodecane (C12)	6.695	6804602	43.284 ug/ml
5) T A~2-methylnaphthalene...	7.330	6540654	43.676 ug/ml
6) T n-Tetradecane (C14)	8.522	6783615	43.941 ug/ml
7) T n-Hexadecane (C16)	10.127	6660557	42.646 ug/ml
8) T n-Octadecane (C18)	11.569	6736682	42.894 ug/ml
10) T n-Eicosane (C20)	12.877	6726602	45.052 ug/ml
11) T n-Heneicosane (C21)	13.488	6546779	44.628 ug/ml
13) T n-Docosane (C22)	14.073	6451859	44.266 ug/ml
14) T n-Tetracosane (C24)	15.171	12163299	83.616 ug/ml
15) T n-Hexacosane (C26)	16.196	6314560	43.752 ug/ml
16) T n-Octacosane (C28)	17.143	6836245	47.461 ug/ml
17) T n-Tricontane (C30)	18.031	6461522	43.162 ug/ml
18) T n-Dotriacontane (C32)	18.861	6297018	41.624 ug/ml
19) T n-Tetratriacontane (C34)	19.644	6896096	45.108 ug/ml
20) T n-Hexatriacontane (C36)	20.384	6937186	45.684 ug/ml
21) T n-Octatriacontane (C38)	21.113	7197192	45.856 ug/ml
22) T n-Tetracontane (C40)	22.008	7061629	46.251 ug/ml

(f)=RT Delta > 1/2 Window

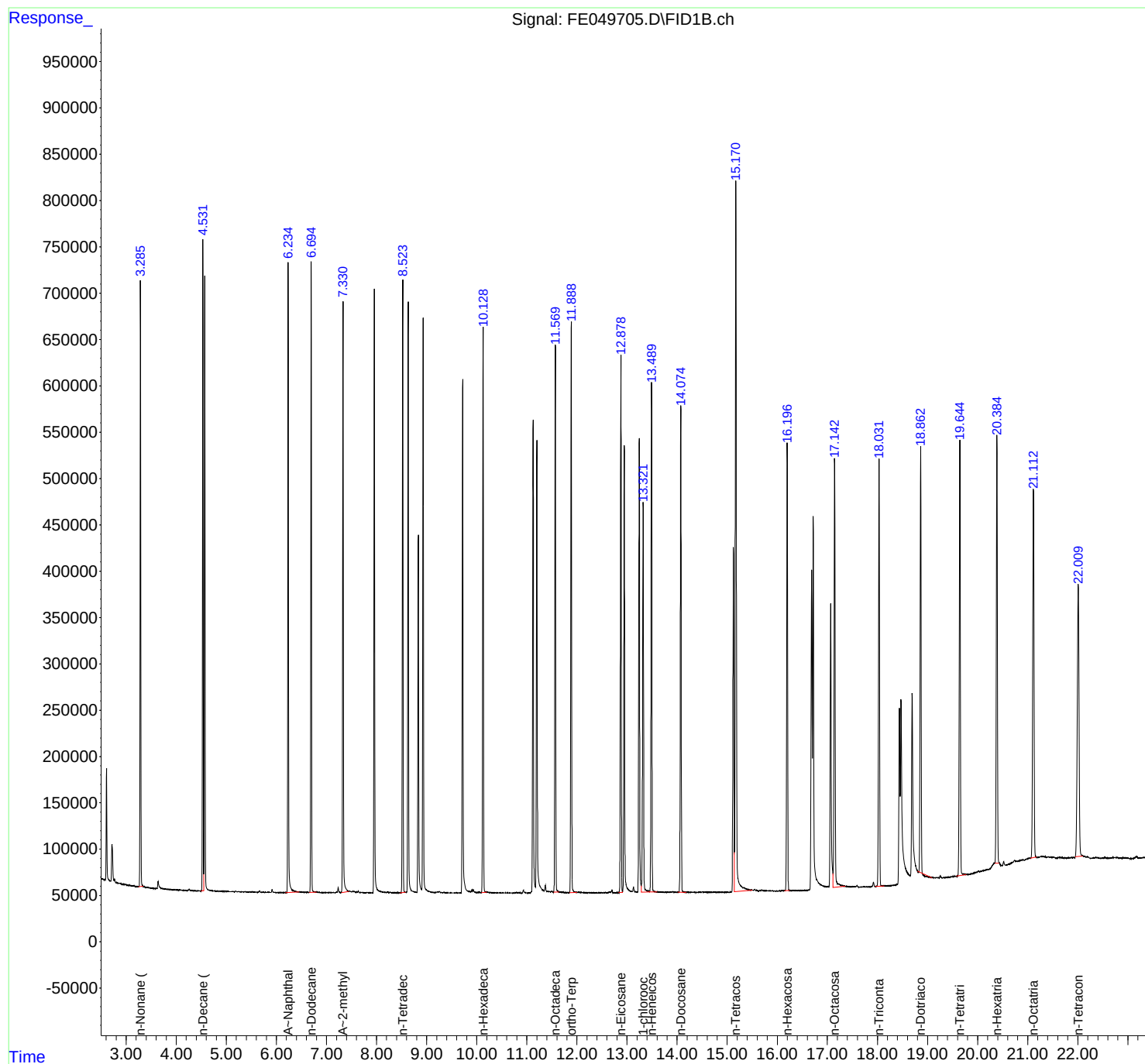
(m)=manual int.

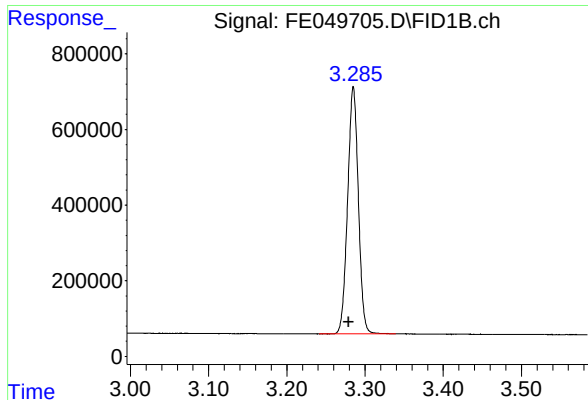
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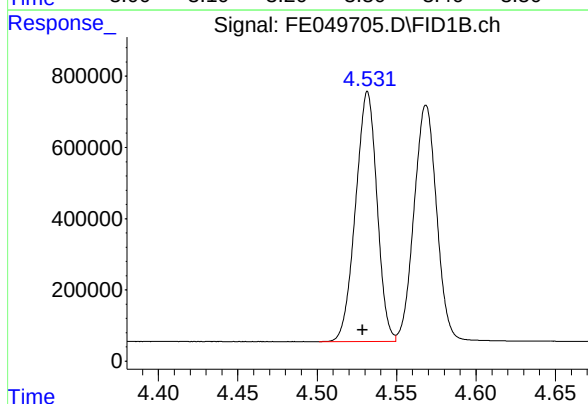




#1 n-Nonane (C9)

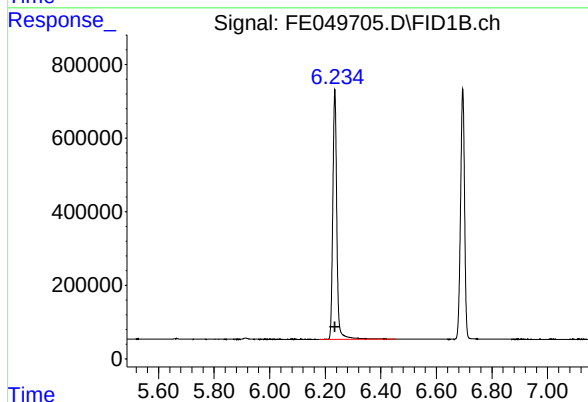
R.T.: 3.285 min
Delta R.T.: 0.006 min
Response: 6231948
Conc: 40.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162915BSD



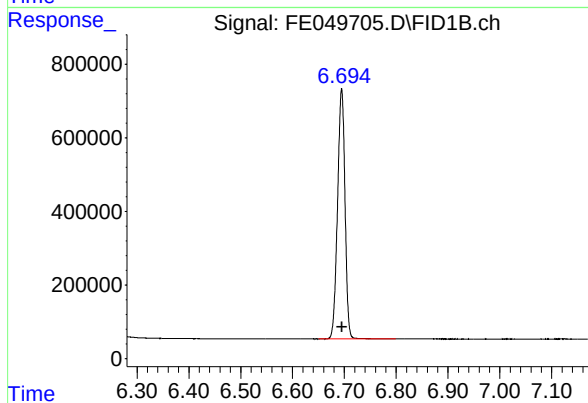
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 6602298
Conc: 41.82 ug/ml



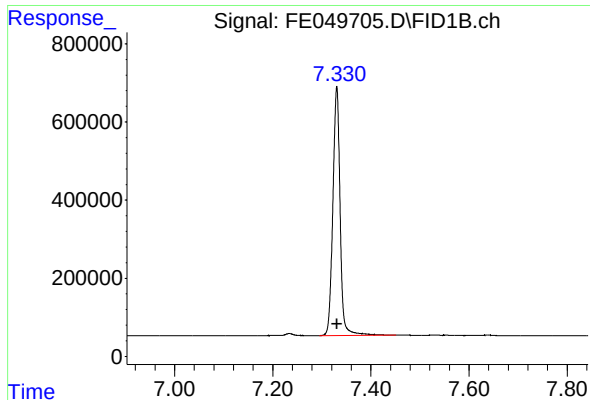
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 6811214
Conc: 42.45 ug/ml



#4 n-Dodecane (C12)

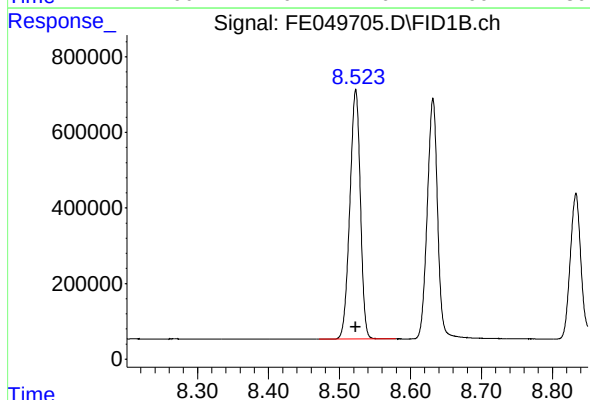
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 6804602
Conc: 43.28 ug/ml



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

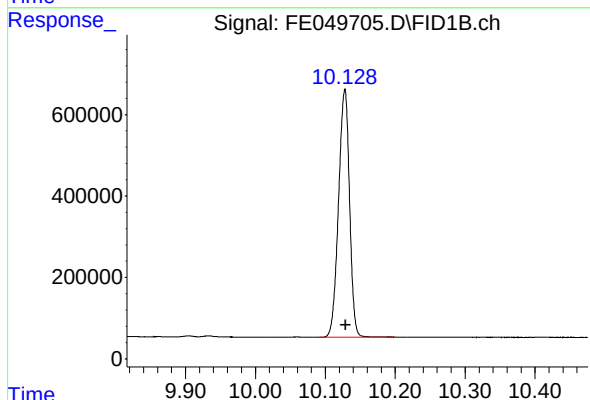
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 6540654
Conc: 43.68 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162915BSD



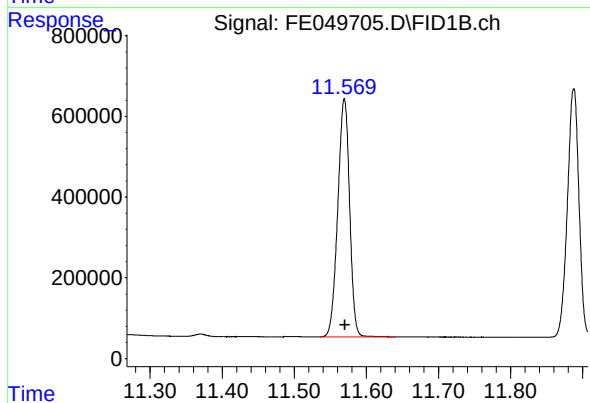
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 6783615
Conc: 43.94 ug/ml



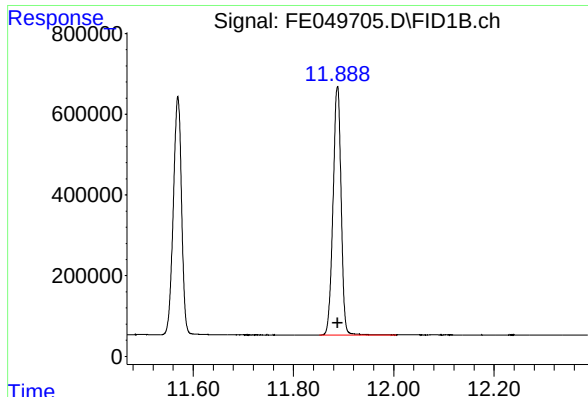
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.002 min
Response: 6660557
Conc: 42.65 ug/ml



#8 n-Octadecane (C18)

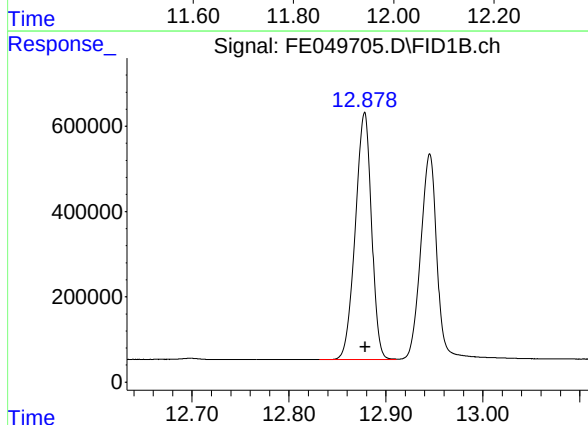
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 6736682
Conc: 42.89 ug/ml



#9 ortho-Terphenyl (SURR)

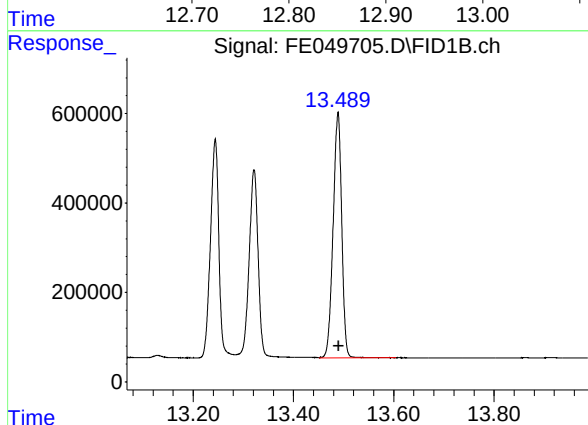
R.T.: 11.887 min
Delta R.T.: -0.001 min
Response: 6885191
Conc: 42.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162915BSD



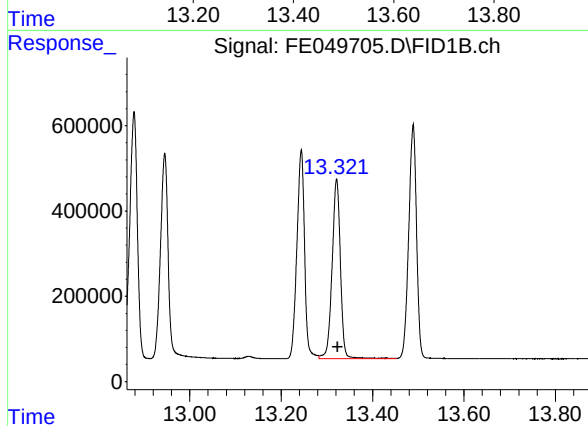
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.001 min
Response: 6726602
Conc: 45.05 ug/ml



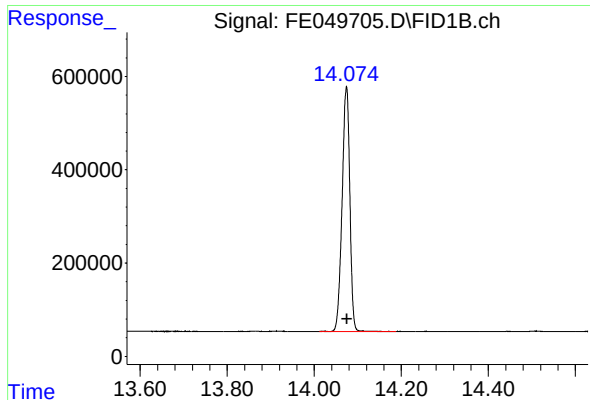
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 6546779
Conc: 44.63 ug/ml



#12 1-chlorooctadecane (SURR)

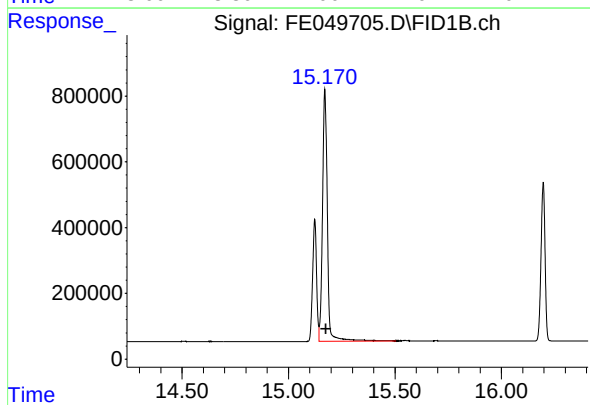
R.T.: 13.321 min
Delta R.T.: -0.002 min
Response: 5343731
Conc: 43.80 ug/ml



#13 n-Docosane (C22)

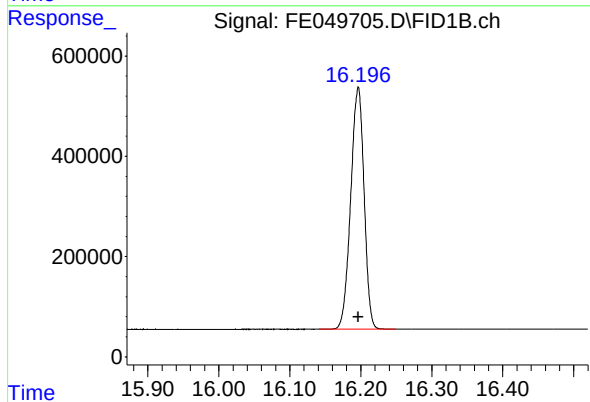
R.T.: 14.073 min
Delta R.T.: -0.002 min
Response: 6451859
Conc: 44.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162915BSD



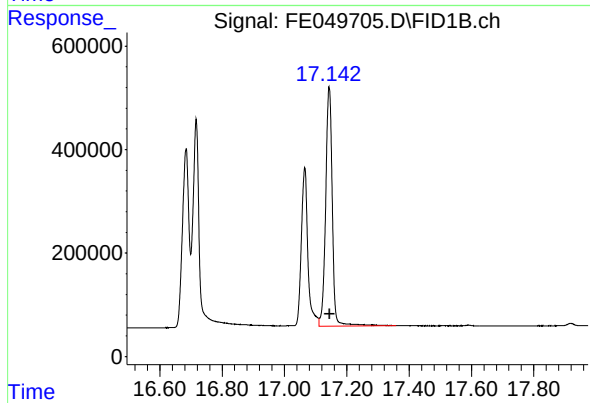
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.006 min
Response: 12163299
Conc: 83.62 ug/ml



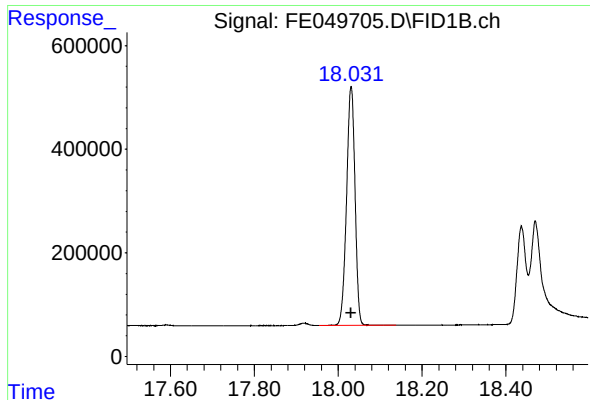
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 6314560
Conc: 43.75 ug/ml



#16 n-Octacosane (C28)

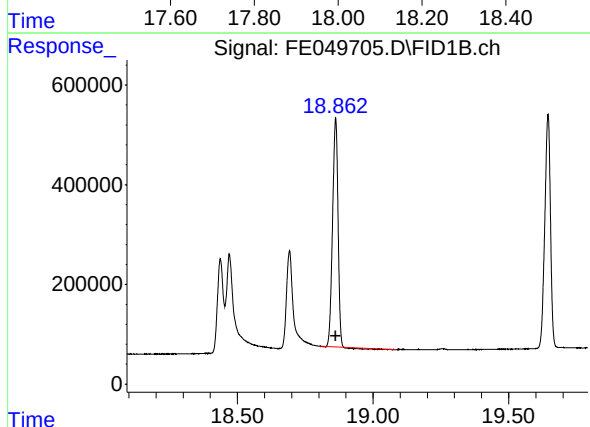
R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 6836245
Conc: 47.46 ug/ml



#17 n-Tricontane (C30)

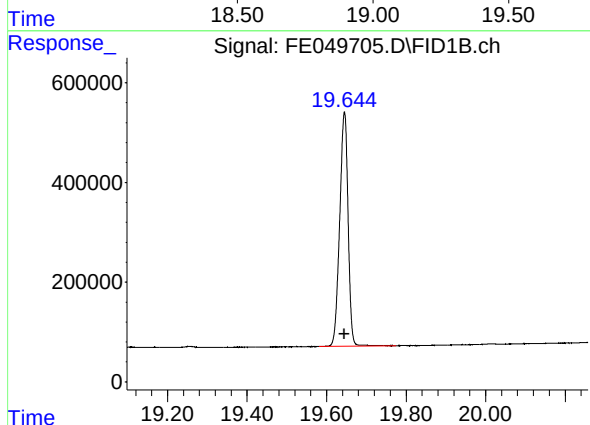
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 6461522
Conc: 43.16 ug/ml

Instrument :
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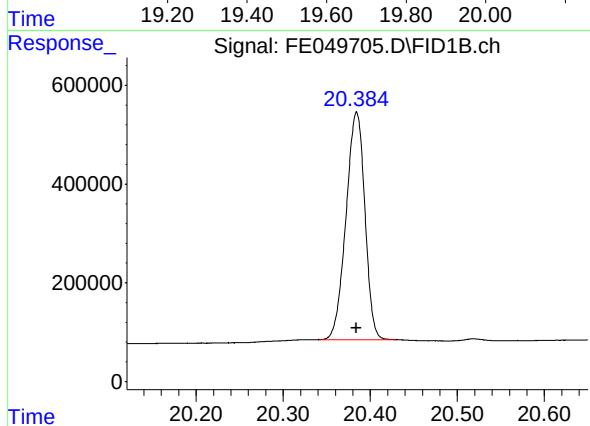
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 6297018
Conc: 41.62 ug/ml



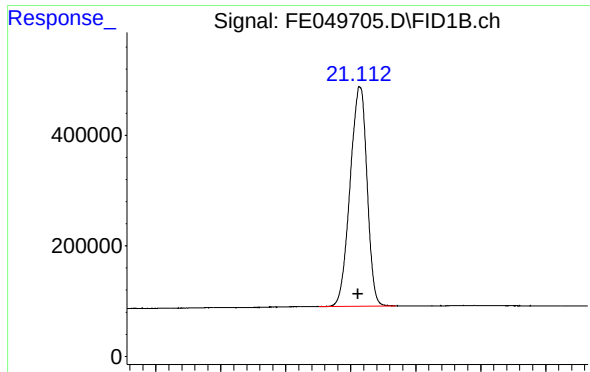
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 6896096
Conc: 45.11 ug/ml



#20 n-Hexatriacontane (C36)

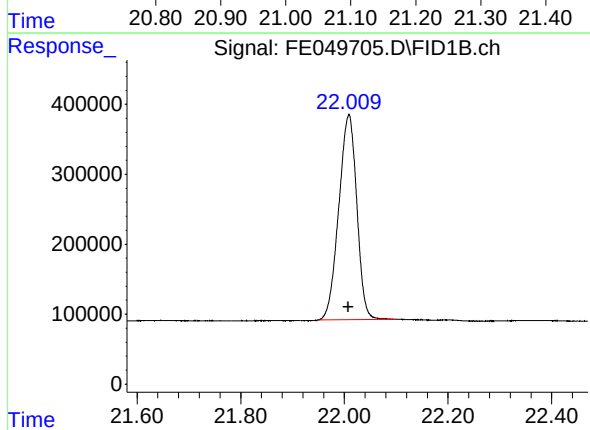
R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 6937186
Conc: 45.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.002 min
Response: 7197192
Conc: 45.86 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162915BSD



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.000 min
Response: 7061629
Conc: 46.25 ug/ml