

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042687.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 08:26
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 19 02:30:58 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)	11.935	1938239	10.202 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
12) S 1-chlorooctadecane (S...	13.372	1442029	10.177 ug/ml
Spiked Amount 50.000		Recovery =	20.35%
Target Compounds			
1) T n-Nonane (C9)	3.316	1546963	10.042 ug/ml
2) T n-Decane (C10)	4.567	1578926	10.017 ug/ml
3) T A~Naphthalene (C11.7)	6.276	1675271	9.766 ug/ml
4) T n-Dodecane (C12)	6.736	1600569	10.008 ug/ml
5) T A~2-methylnaphthalene...	7.373	1617500	9.748 ug/ml
6) T n-Tetradecane (C14)	8.565	1596374	10.030 ug/ml
7) T n-Hexadecane (C16)	10.173	1673209	10.104 ug/ml
8) T n-Octadecane (C18)	11.616	1712682	10.163 ug/ml
10) T n-Eicosane (C20)	12.926	1663577	10.221 ug/ml
11) T n-Heneicosane (C21)	13.538	1633167	10.227 ug/ml
13) T n-Docosane (C22)	14.125	1616808	10.230 ug/ml
14) T n-Tetracosane (C24)	15.229	1585217	10.253 ug/ml
15) T n-Hexacosane (C26)	16.249	1519177	10.269 ug/ml
16) T n-Octacosane (C28)	17.200	1438758	10.271 ug/ml
17) T n-Tricontane (C30)	18.088	1420985	10.323 ug/ml
18) T n-Dotriacontane (C32)	18.920	1371094	10.335 ug/ml
19) T n-Tetratriacontane (C34)	19.705	1327275	10.263 ug/ml
20) T n-Hexatriacontane (C36)	20.445	1281058	10.184 ug/ml
21) T n-Octatriacontane (C38)	21.189	1286774	10.102 ug/ml
22) T n-Tetracontane (C40)	22.115	1285970	10.044 ug/ml

(f)=RT Delta > 1/2 Window

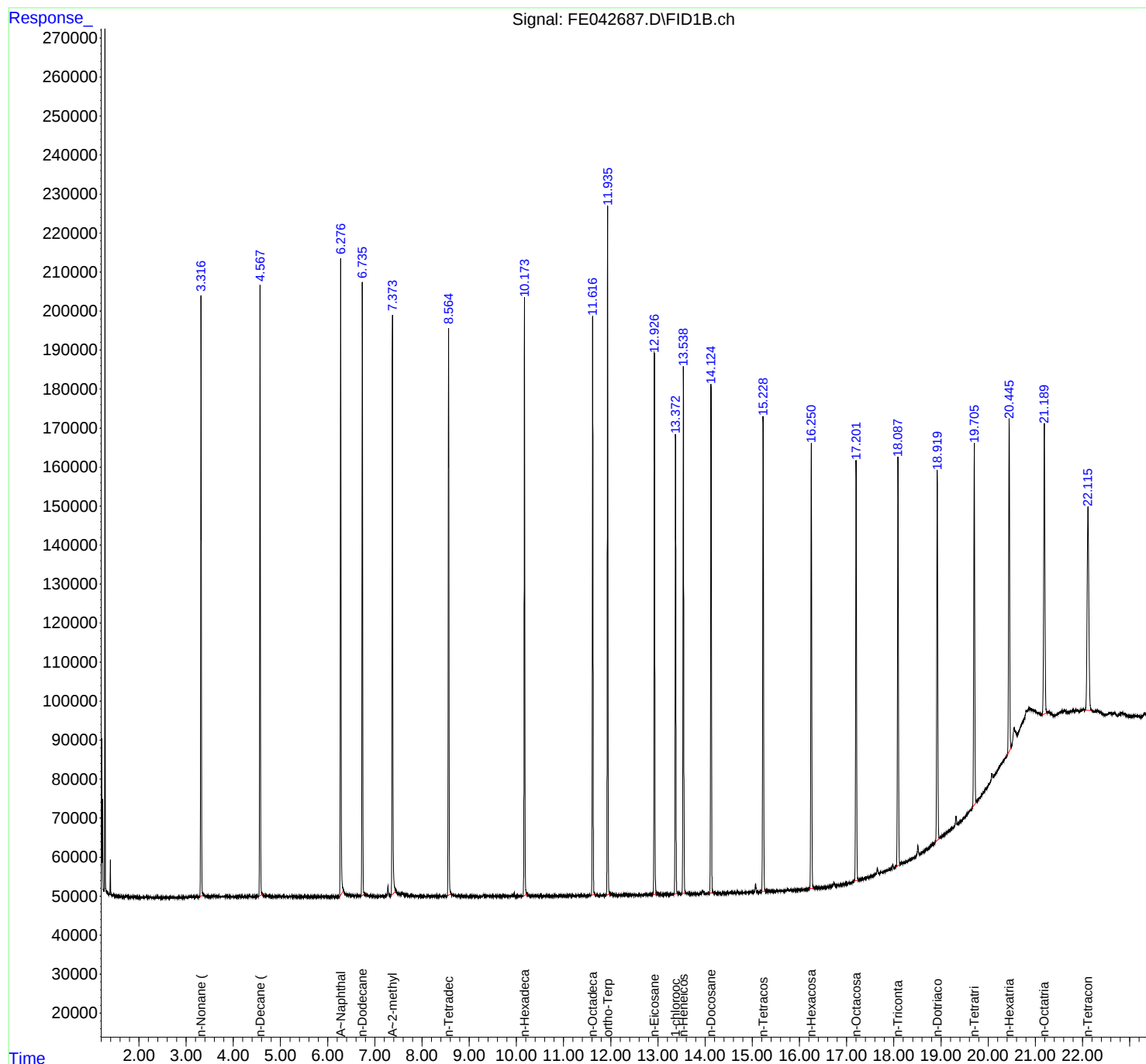
(m)=manual int.

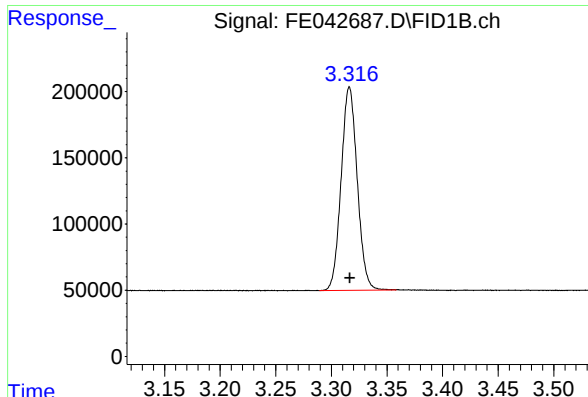
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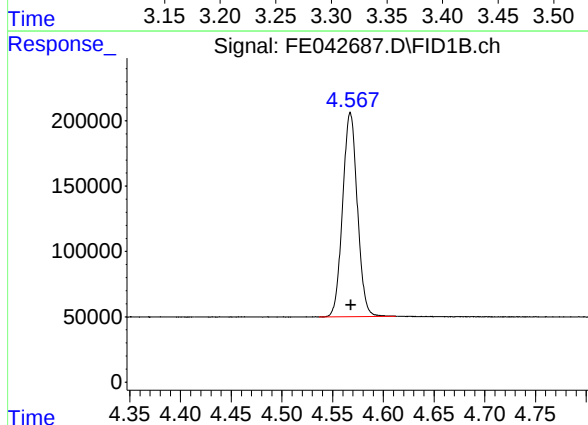




#1 n-Nonane (C9)

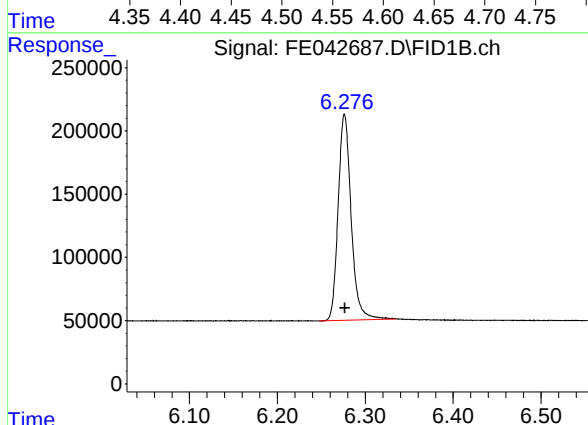
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 1546963
Conc: 10.04 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



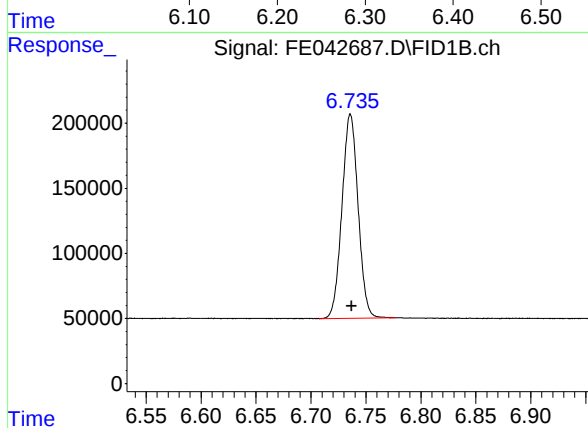
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1578926
Conc: 10.02 ug/ml



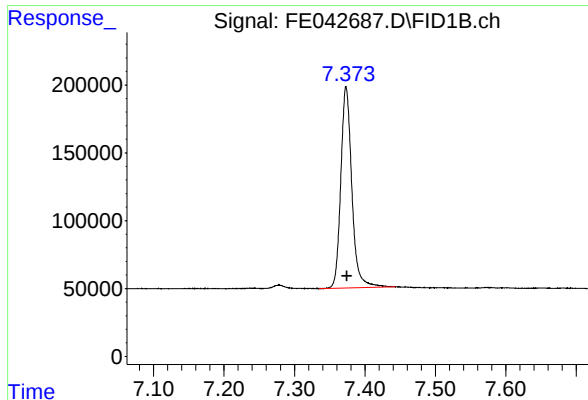
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 1675271
Conc: 9.77 ug/ml



#4 n-Dodecane (C12)

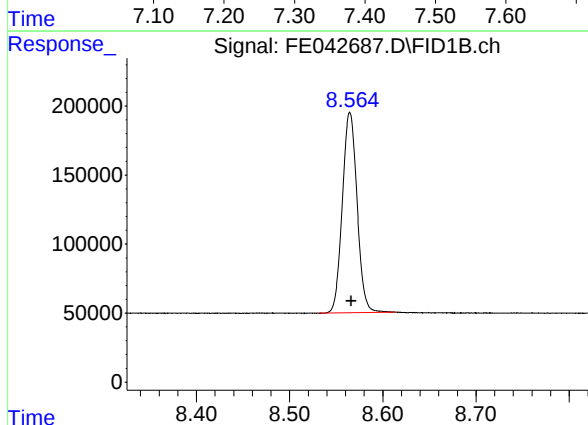
R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 1600569
Conc: 10.01 ug/ml



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

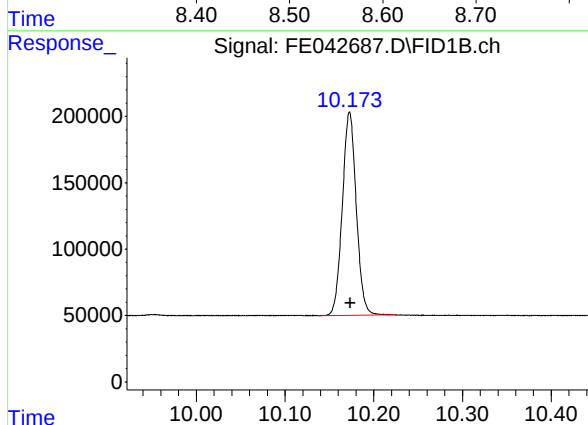
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 1617500
Conc: 9.75 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



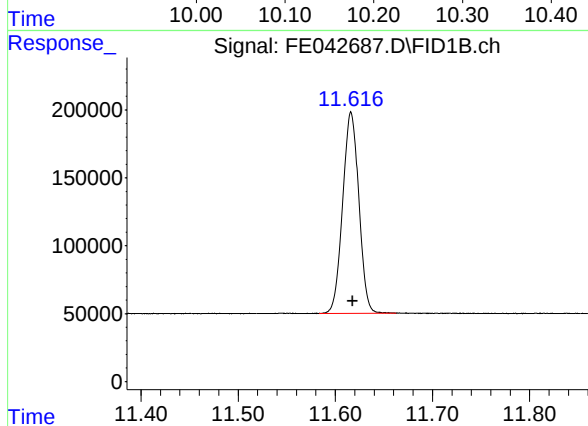
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 1596374
Conc: 10.03 ug/ml



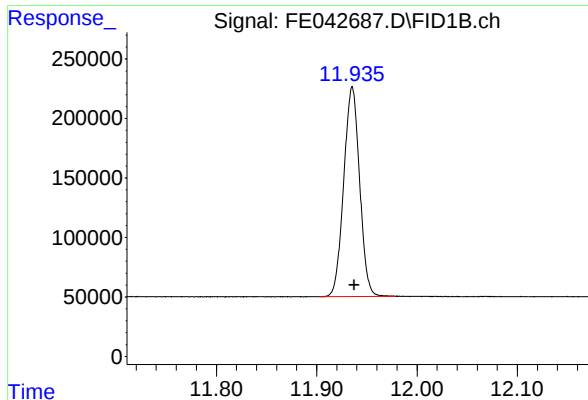
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 1673209
Conc: 10.10 ug/ml



#8 n-Octadecane (C18)

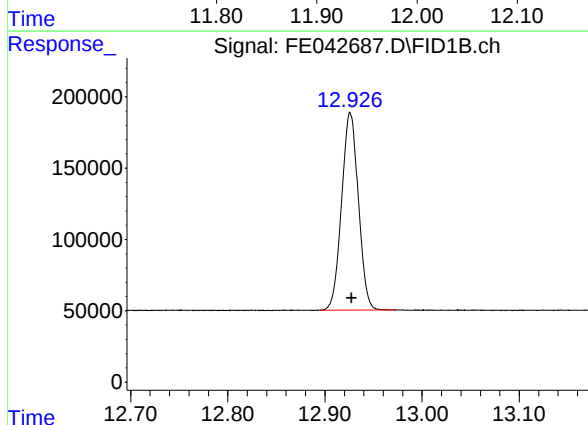
R.T.: 11.616 min
Delta R.T.: -0.002 min
Response: 1712682
Conc: 10.16 ug/ml



#9 ortho-Terphenyl (SURR)

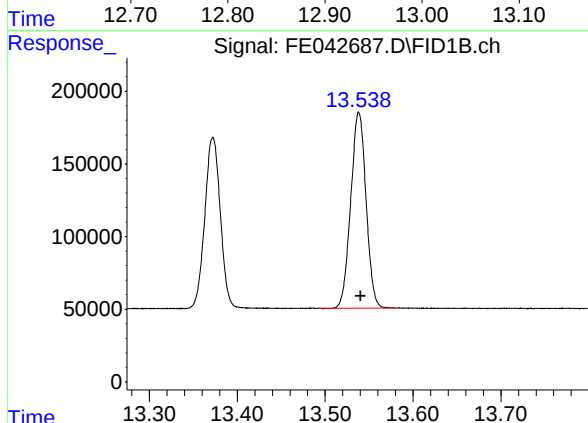
R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 1938239
Conc: 10.20 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



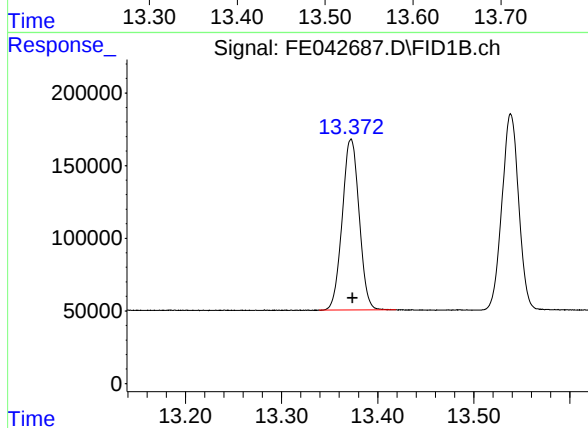
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.001 min
Response: 1663577
Conc: 10.22 ug/ml



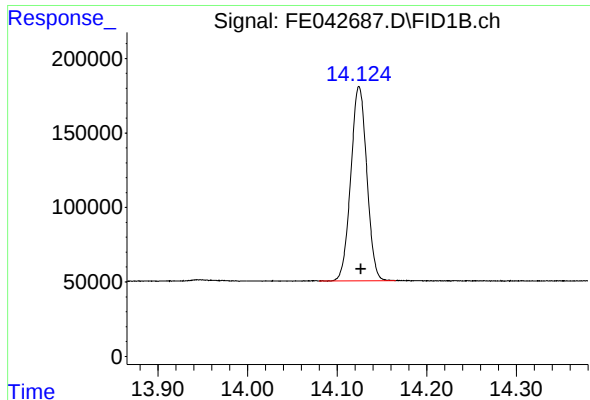
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.002 min
Response: 1633167
Conc: 10.23 ug/ml



#12 1-chlorooctadecane (SURR)

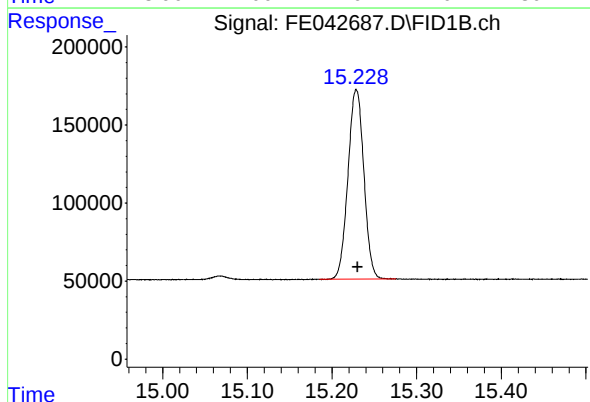
R.T.: 13.372 min
Delta R.T.: -0.002 min
Response: 1442029
Conc: 10.18 ug/ml



#13 n-Docosane (C22)

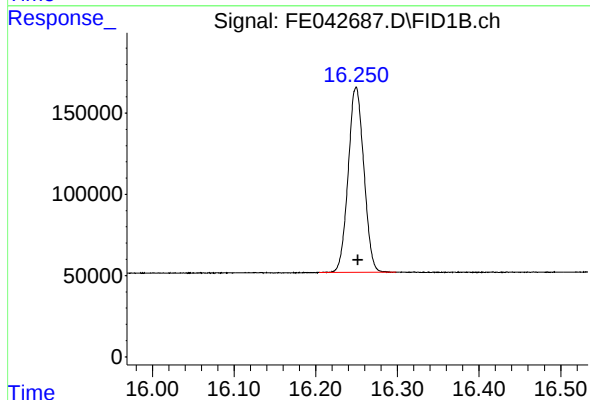
R.T.: 14.125 min
Delta R.T.: -0.002 min
Response: 1616808
Conc: 10.23 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



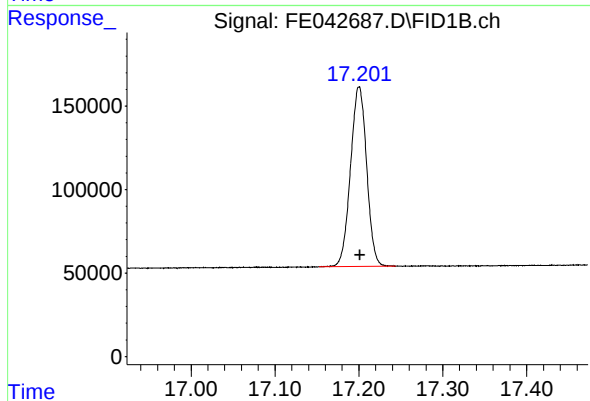
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.002 min
Response: 1585217
Conc: 10.25 ug/ml



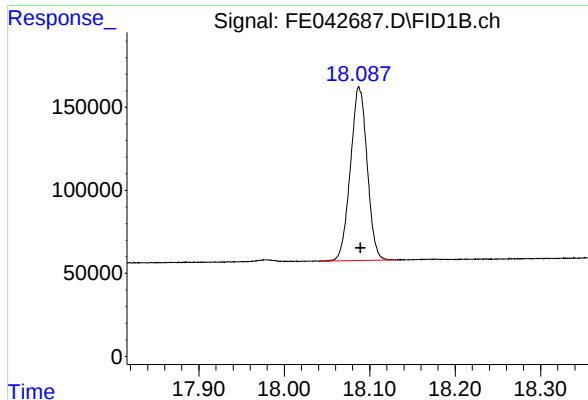
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.002 min
Response: 1519177
Conc: 10.27 ug/ml



#16 n-Octacosane (C28)

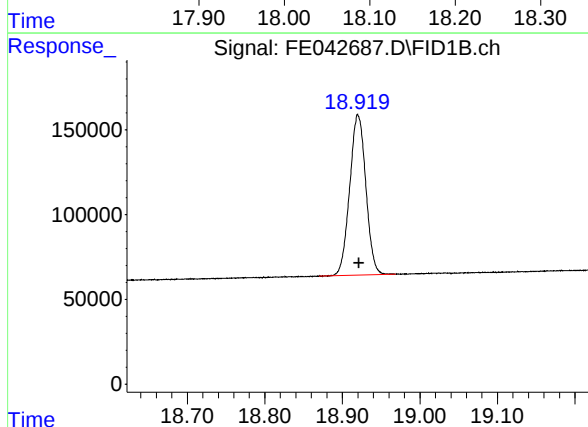
R.T.: 17.200 min
Delta R.T.: -0.001 min
Response: 1438758
Conc: 10.27 ug/ml



#17 n-Tricontane (C30)

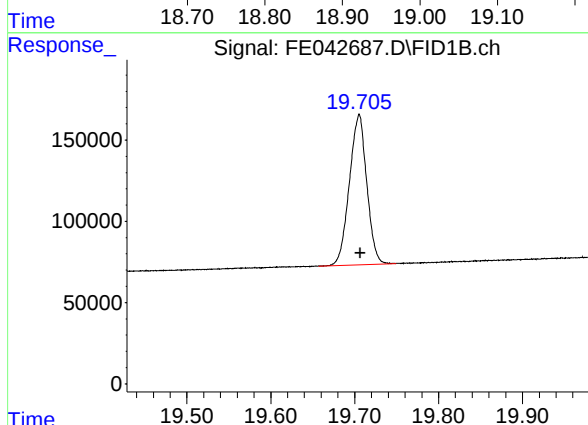
R.T.: 18.088 min
Delta R.T.: -0.002 min
Response: 1420985
Conc: 10.32 ug/ml

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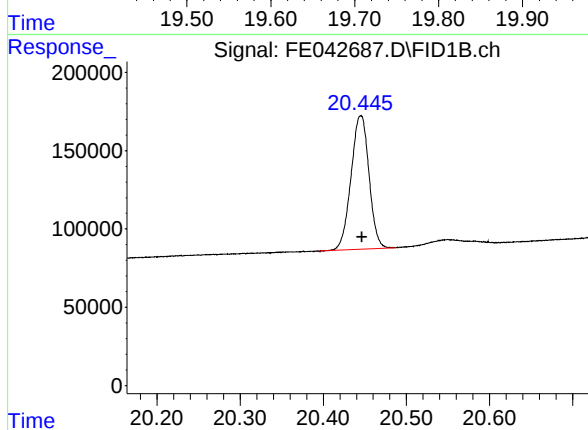
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.002 min
Response: 1371094
Conc: 10.34 ug/ml



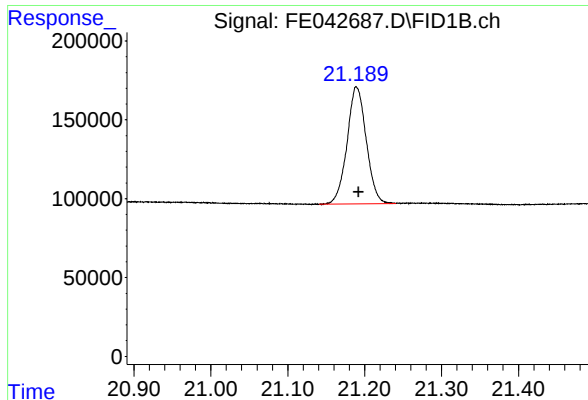
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.001 min
Response: 1327275
Conc: 10.26 ug/ml



#20 n-Hexatriacontane (C36)

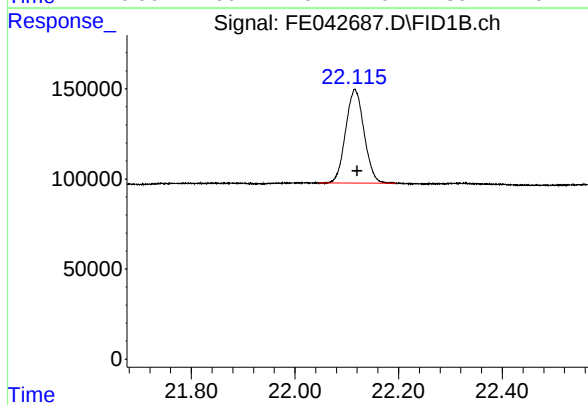
R.T.: 20.445 min
Delta R.T.: -0.001 min
Response: 1281058
Conc: 10.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.003 min
Response: 1286774
Conc: 10.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.005 min
Response: 1285970
Conc: 10.04 ug/ml