

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042691.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 10:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 19 08:22:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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	3643651	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.373	2720156	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.316	2969228	19.001 ug/ml
2) T n-Decane (C10)	4.567	3025332	18.962 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3291246	19.148 ug/ml
4) T n-Dodecane (C12)	6.736	3066495	18.948 ug/ml
5) T A~2-methylnaphthalene...	7.373	3168445	19.139 ug/ml
6) T n-Tetradecane (C14)	8.565	3040730	18.865 ug/ml
7) T n-Hexadecane (C16)	10.173	3165502	18.814 ug/ml
8) T n-Octadecane (C18)	11.616	3220767	18.771 ug/ml
10) T n-Eicosane (C20)	12.926	3119995	18.799 ug/ml
11) T n-Heneicosane (C21)	13.538	3064280	18.810 ug/ml
13) T n-Docosane (C22)	14.125	3035251	18.820 ug/ml
14) T n-Tetracosane (C24)	15.228	2982707	18.882 ug/ml
15) T n-Hexacosane (C26)	16.249	2859008	18.921 ug/ml
16) T n-Octacosane (C28)	17.200	2707292	18.911 ug/ml
17) T n-Tricontane (C30)	18.088	2664782	18.900 ug/ml
18) T n-Dotriacontane (C32)	18.921	2570896	18.889 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2495961	18.878 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2407946	18.723 ug/ml
21) T n-Octatriacontane (C38)	21.190	2441511	18.855 ug/ml
22) T n-Tetracontane (C40)	22.116	2441328	18.728 ug/ml

(f)=RT Delta > 1/2 Window

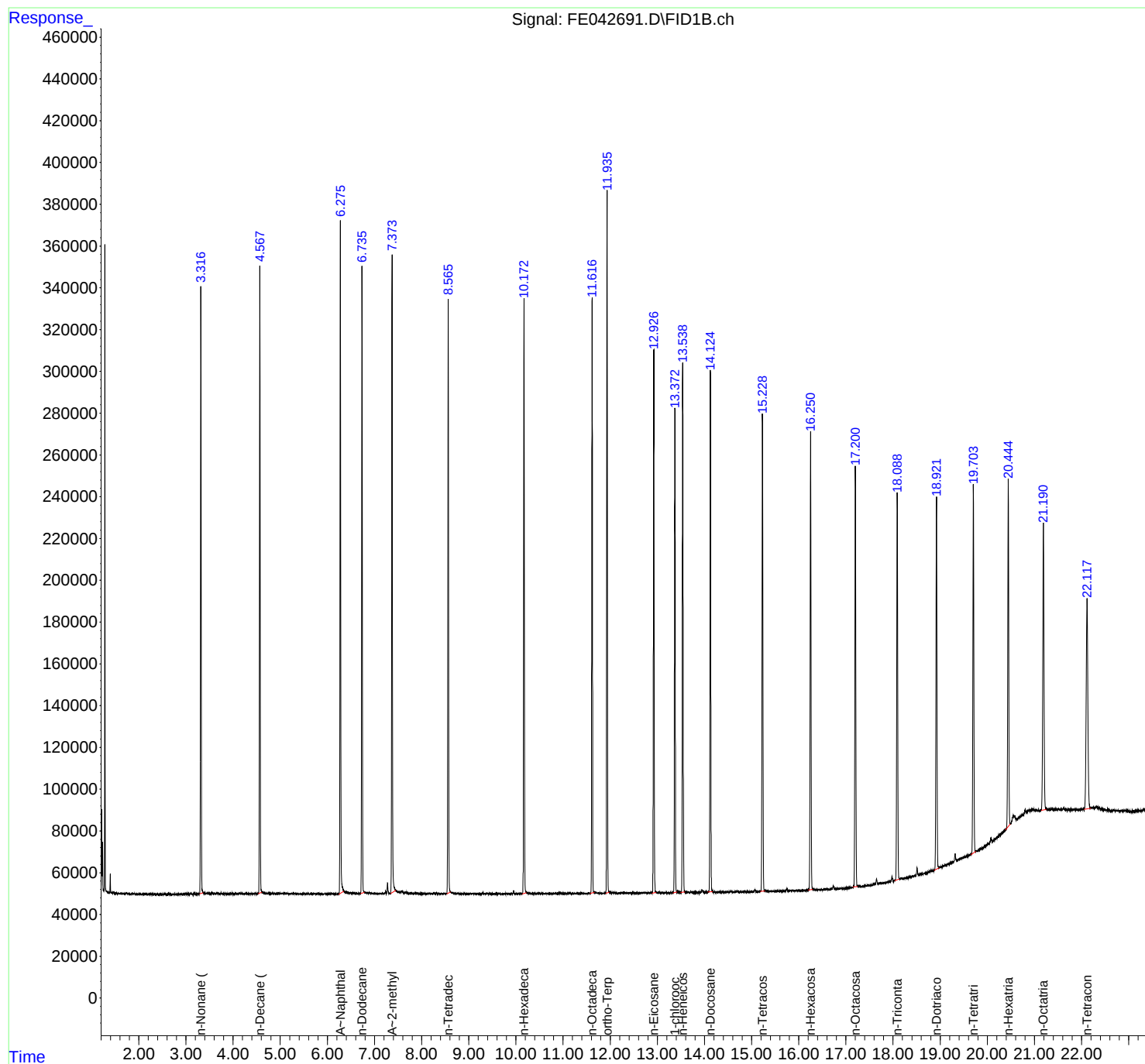
(m)=manual int.

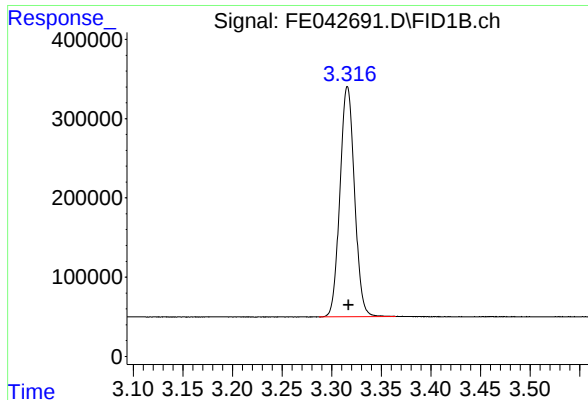
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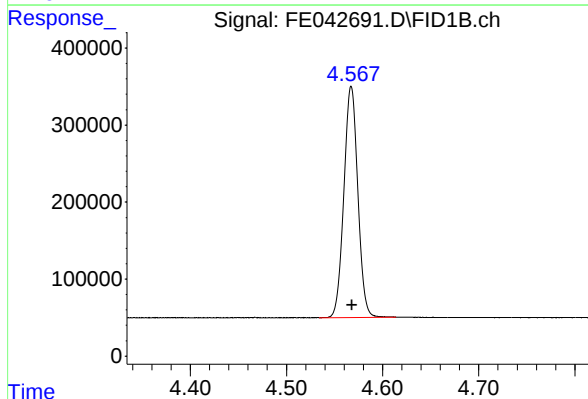




#1 n-Nonane (C9)

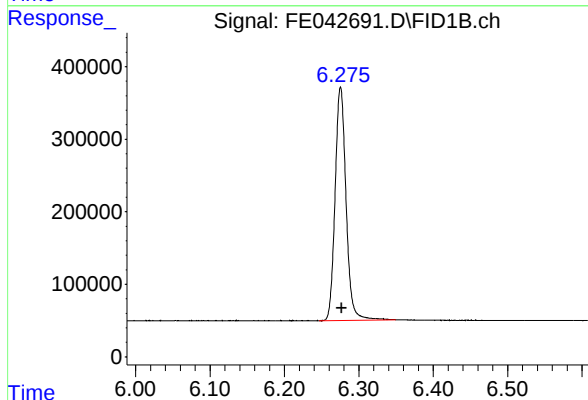
R.T.: 3.316 min
Delta R.T.: -0.001 min
Response: 2969228
Conc: 19.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



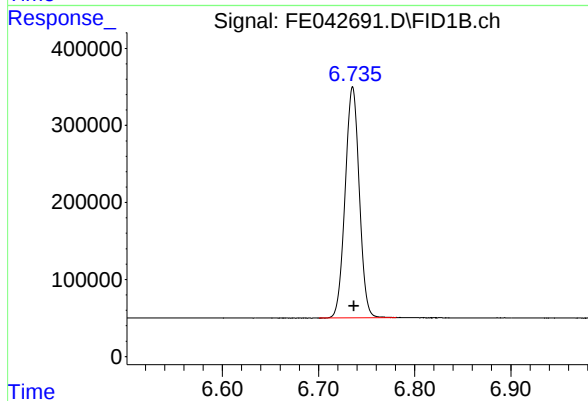
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 3025332
Conc: 18.96 ug/ml



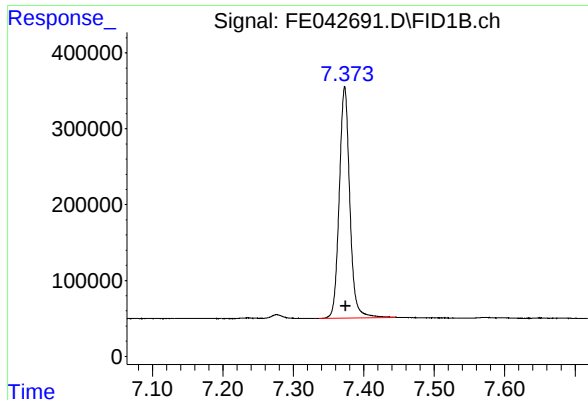
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 3291246
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

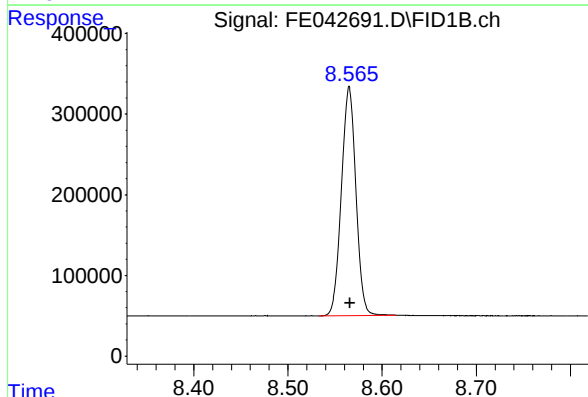
R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 3066495
Conc: 18.95 ug/ml



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

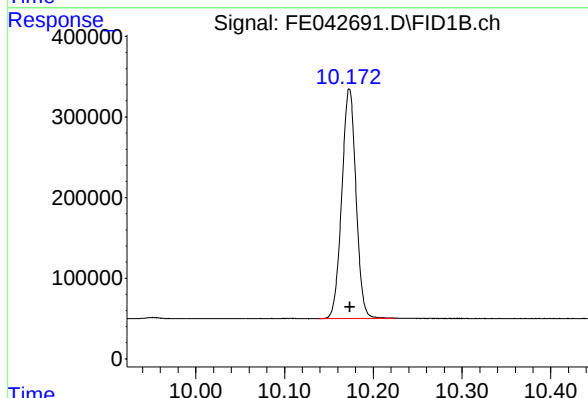
R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 3168445
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



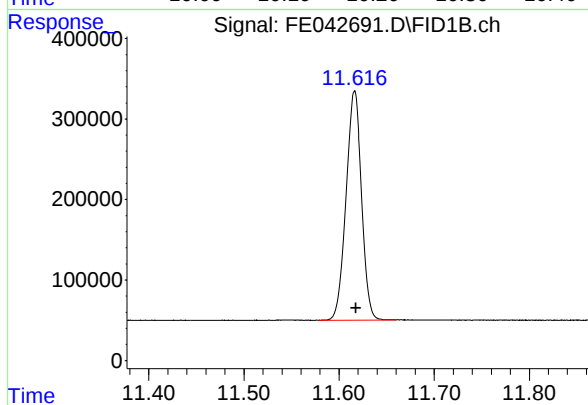
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 3040730
Conc: 18.86 ug/ml



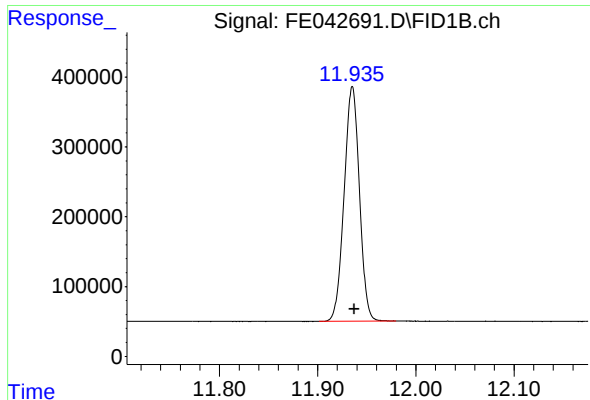
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 3165502
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

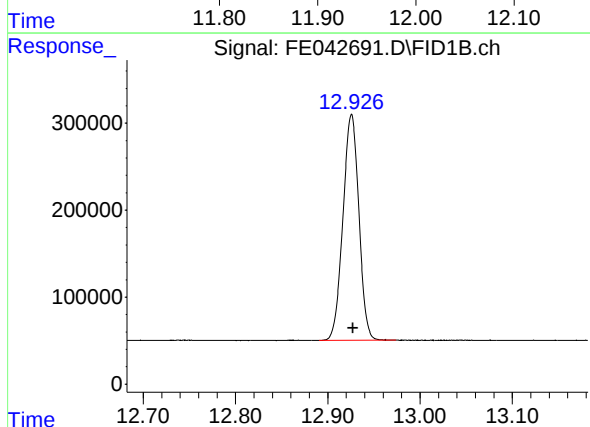
R.T.: 11.616 min
Delta R.T.: -0.002 min
Response: 3220767
Conc: 18.77 ug/ml



#9 ortho-Terphenyl (SURR)

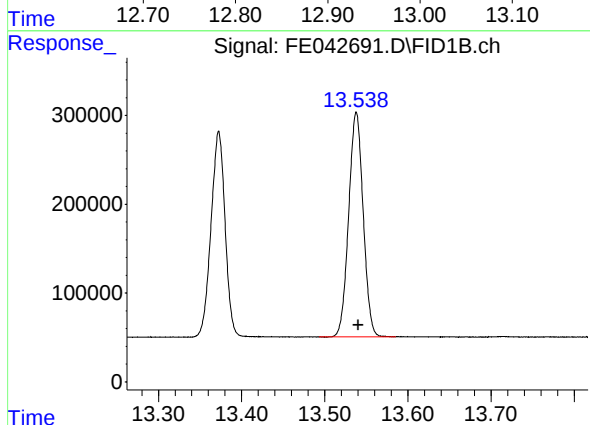
R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 3643651
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



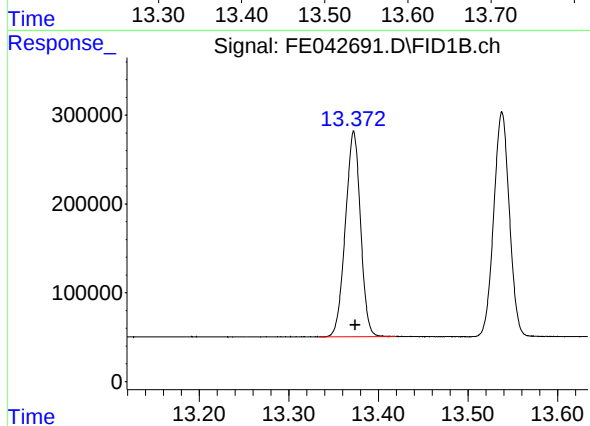
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.002 min
Response: 3119995
Conc: 18.80 ug/ml



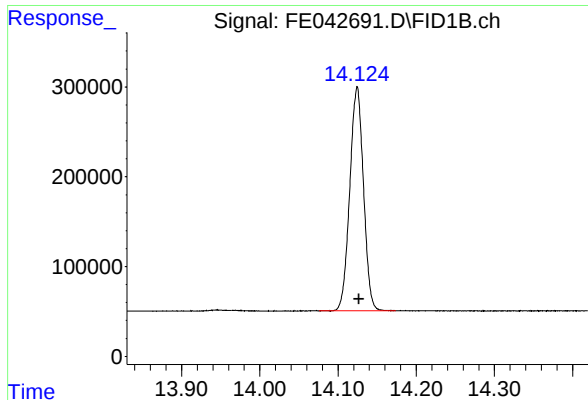
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 3064280
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

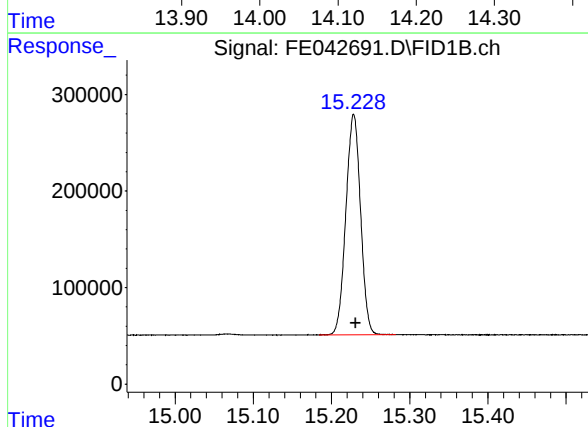
R.T.: 13.373 min
Delta R.T.: -0.002 min
Response: 2720156
Conc: 18.87 ug/ml



#13 n-Docosane (C22)

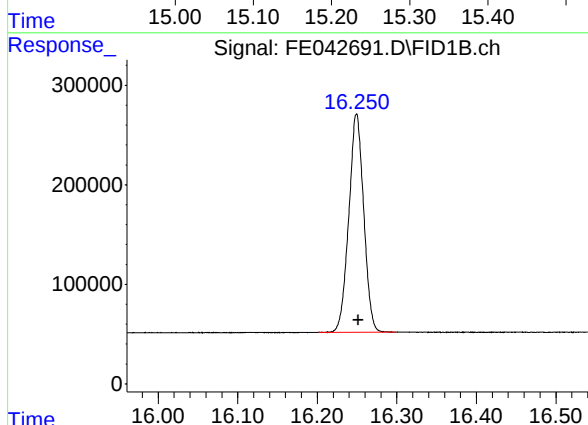
R.T.: 14.125 min
Delta R.T.: -0.002 min
Response: 3035251
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



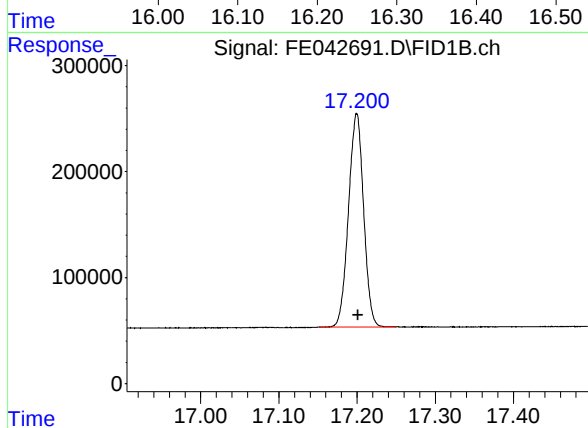
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.002 min
Response: 2982707
Conc: 18.88 ug/ml



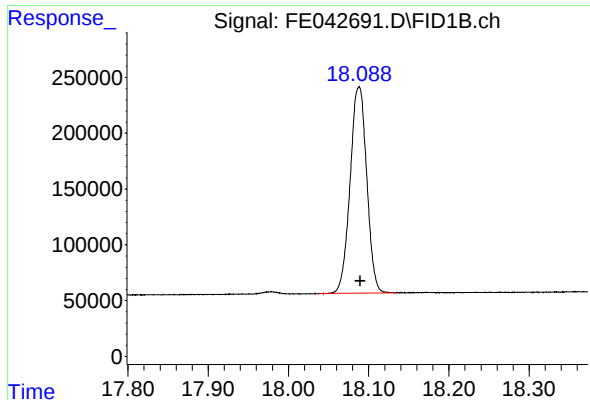
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.002 min
Response: 2859008
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

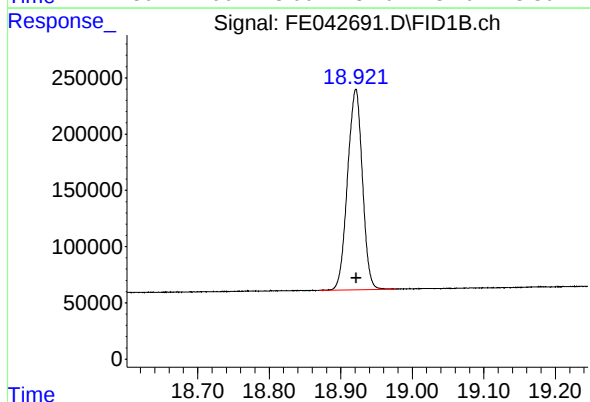
R.T.: 17.200 min
Delta R.T.: -0.002 min
Response: 2707292
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

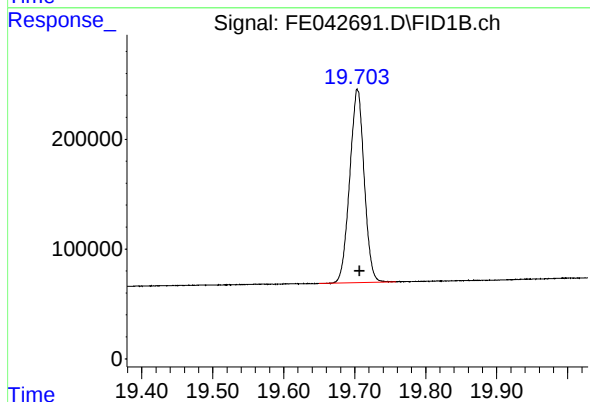
R.T.: 18.088 min
Delta R.T.: -0.002 min
Response: 2664782
Conc: 18.90 ug/ml

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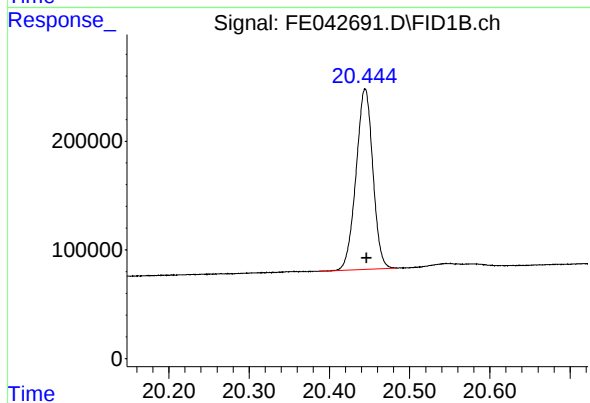
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.000 min
Response: 2570896
Conc: 18.89 ug/ml



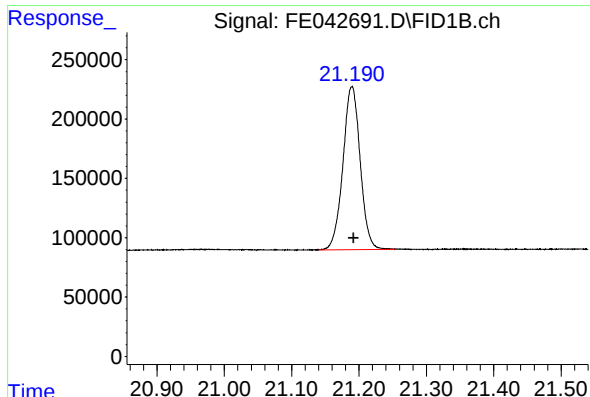
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.003 min
Response: 2495961
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

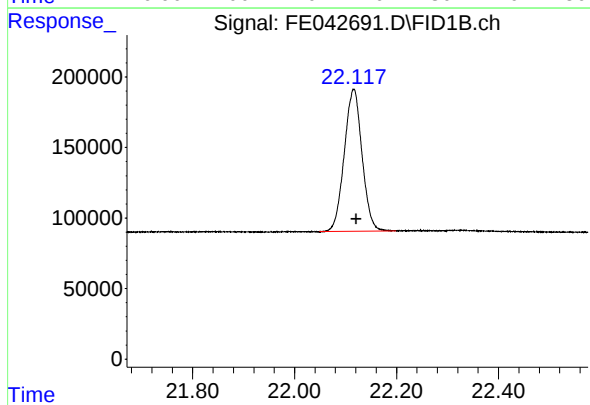
R.T.: 20.445 min
Delta R.T.: -0.002 min
Response: 2407946
Conc: 18.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.003 min
Response: 2441511
Conc: 18.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.004 min
Response: 2441328
Conc: 18.73 ug/ml