

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009394.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 16:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 15 04:20:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:37:50 2021
 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)	10.744	2610276	19.418 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	12.178	2083072	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	2.642	2258405	19.474 ug/ml
2) T n-Decane (C10)	3.642	2277729	19.654 ug/ml
3) T A~Naphthalene (C11.7)	5.196	2486840	19.762 ug/ml
4) T n-Dodecane (C12)	5.620	2282641	19.410 ug/ml
5) T A~2-methylnaphthalene...	6.240	2472115	19.724 ug/ml
6) T n-Tetradecane (C14)	7.403	2300863	19.468 ug/ml
7) T n-Hexadecane (C16)	8.996	2348206	19.557 ug/ml
8) T n-Octadecane (C18)	10.431	2450441	19.393 ug/ml
10) T n-Eicosane (C20)	11.735	2474225	19.374 ug/ml
11) T n-Heneicosane (C21)	12.345	2518822	19.391 ug/ml
13) T n-Docosane (C22)	12.929	2514030	19.401 ug/ml
14) T n-Tetracosane (C24)	14.028	2542514	19.518 ug/ml
15) T n-Hexacosane (C26)	15.045	2464533	19.811 ug/ml
16) T n-Octacosane (C28)	15.991	2323949	20.098 ug/ml
17) T n-Tricontane (C30)	16.875	2108289	19.729 ug/ml
18) T n-Dotriacontane (C32)	17.705	1984180	19.271 ug/ml
19) T n-Tetratriacontane (C34)	18.486	1984990	19.362 ug/ml
20) T n-Hexatriacontane (C36)	19.223	1956706	19.558 ug/ml
21) T n-Octatriacontane (C38)	19.930	1912263	19.746 ug/ml
22) T n-Tetracontane (C40)	20.762	1772429	21.782 ug/ml

(f)=RT Delta > 1/2 Window

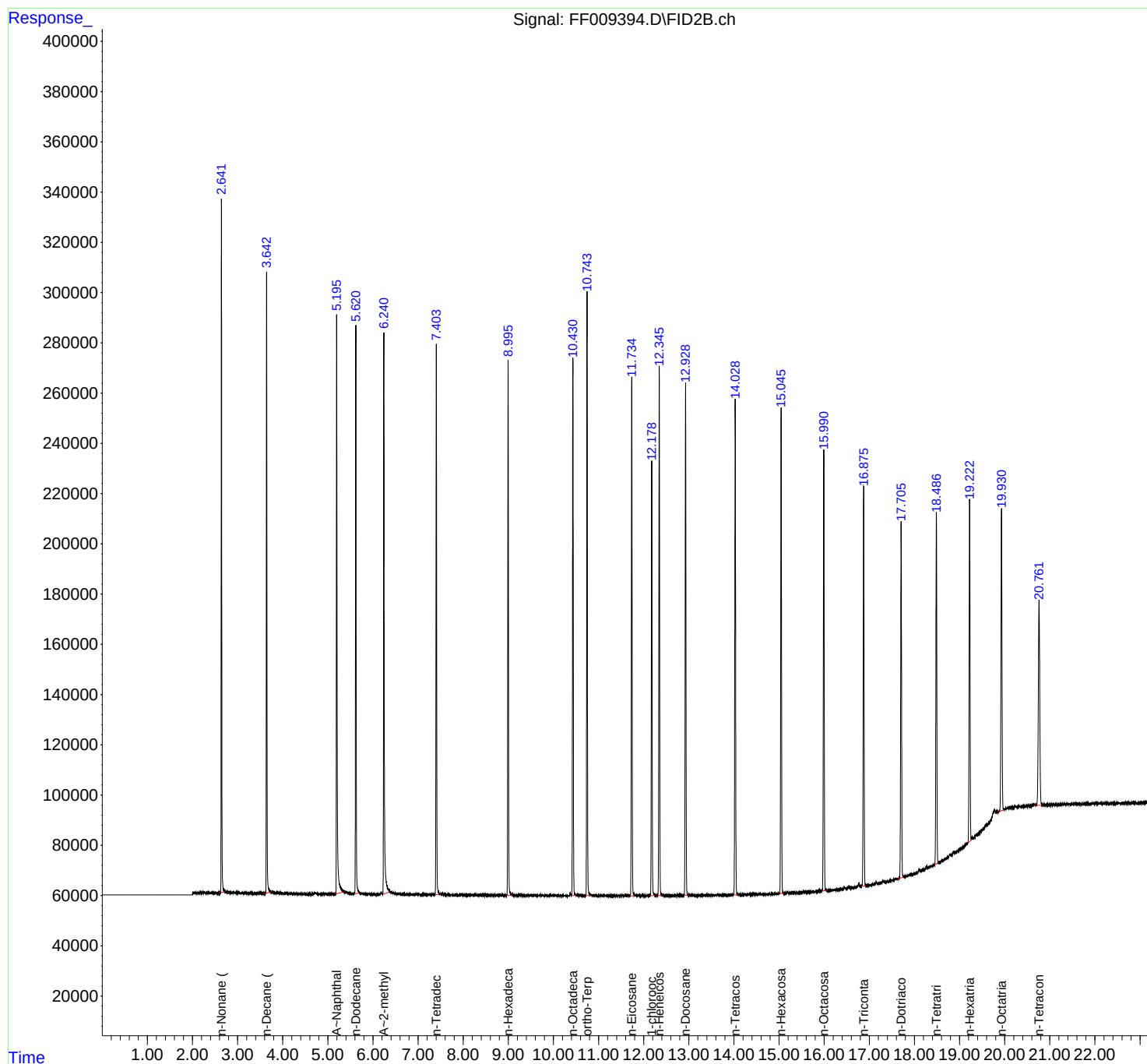
(m)=manual int.

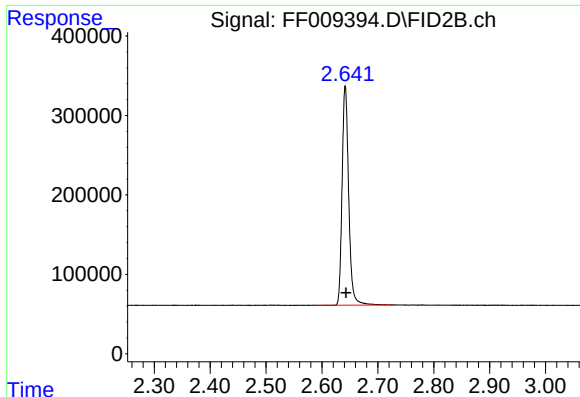
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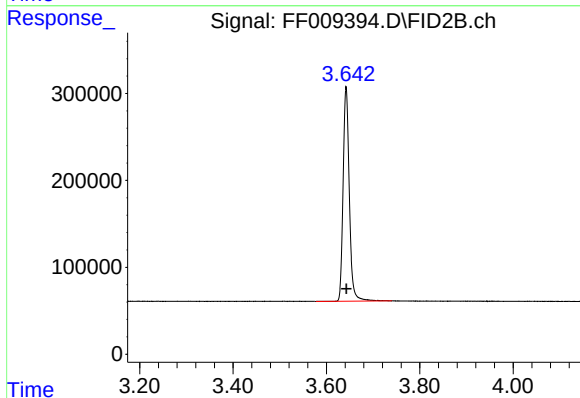




#1 n-Nonane (C9)

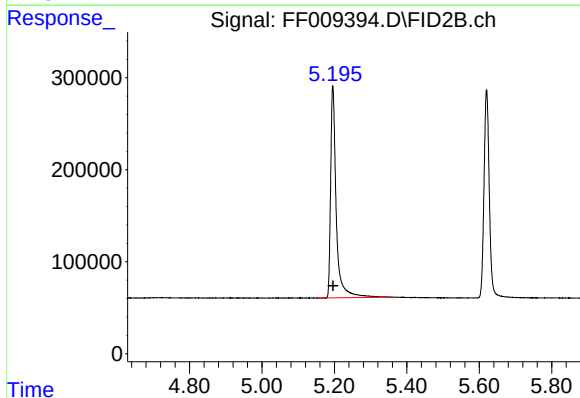
R.T.: 2.642 min
Delta R.T.: -0.001 min
Response: 2258405
Conc: 19.47 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



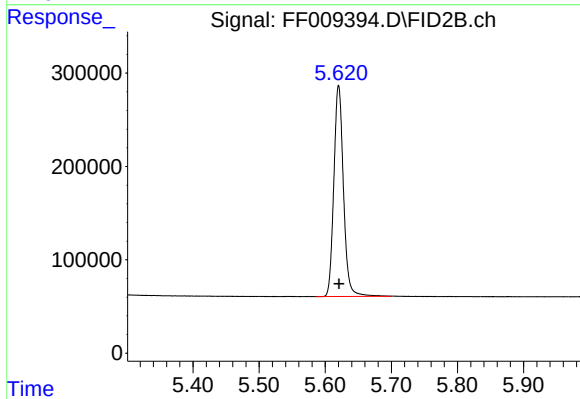
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.000 min
Response: 2277729
Conc: 19.65 ug/ml



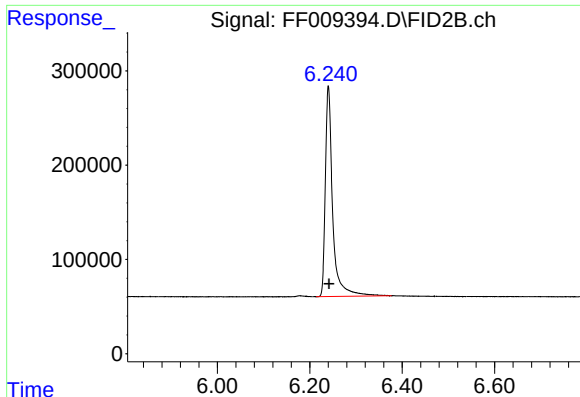
#3 A~Naphthalene (C11.7)

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 2486840
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 2282641
Conc: 19.41 ug/ml



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

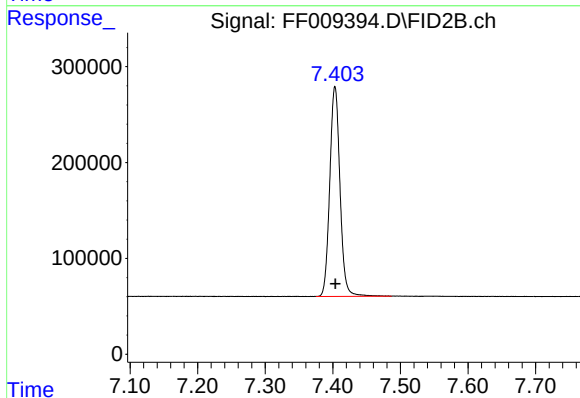
R.T.: 6.240 min
Delta R.T.: -0.001 min
Response: 2472115
Conc: 19.72 ug/ml

Instrument :

FID_F

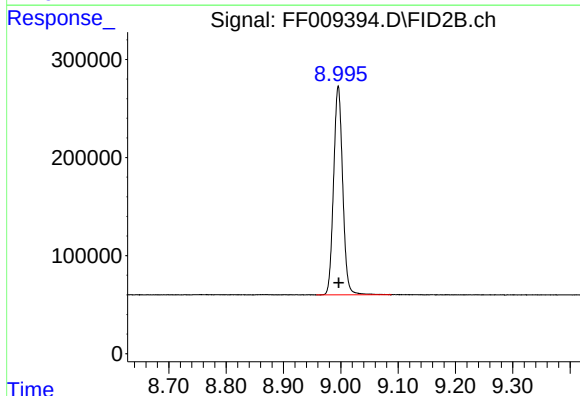
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



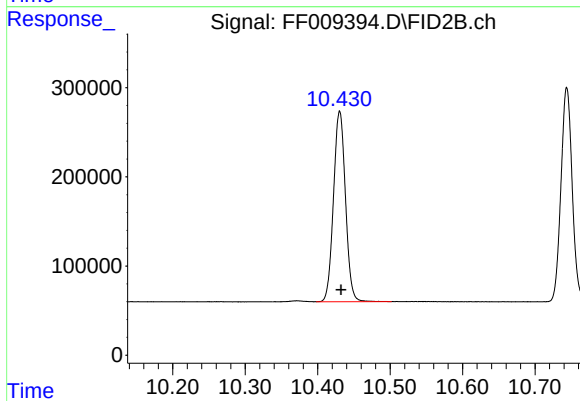
#6 n-Tetradecane (C14)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 2300863
Conc: 19.47 ug/ml



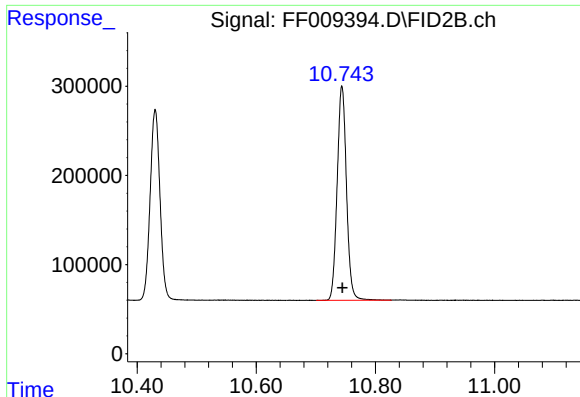
#7 n-Hexadecane (C16)

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 2348206
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

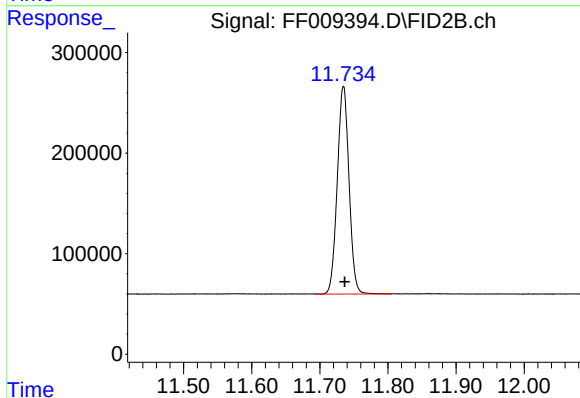
R.T.: 10.431 min
Delta R.T.: -0.002 min
Response: 2450441
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

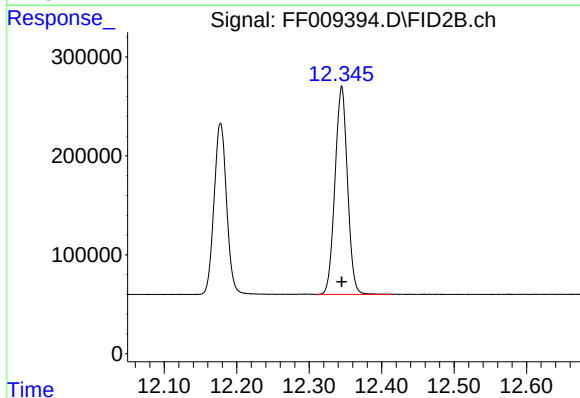
R.T.: 10.744 min
Delta R.T.: -0.001 min
Response: 2610276
Conc: 19.42 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



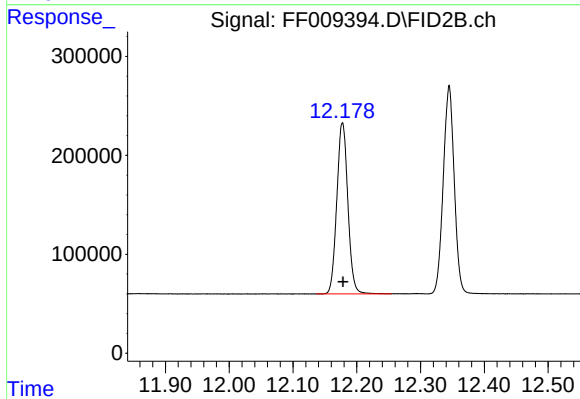
#10 n-Eicosane (C20)

R.T.: 11.735 min
Delta R.T.: -0.002 min
Response: 2474225
Conc: 19.37 ug/ml



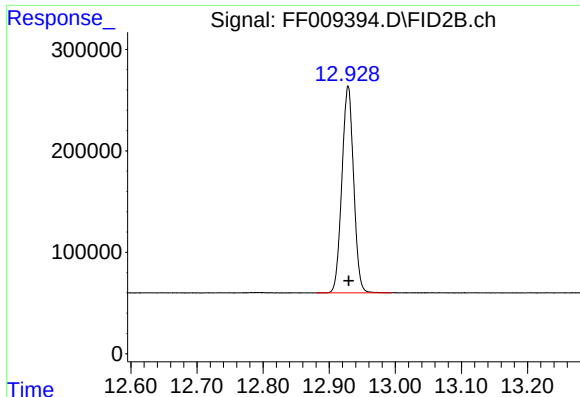
#11 n-Heneicosane (C21)

R.T.: 12.345 min
Delta R.T.: 0.000 min
Response: 2518822
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.178 min
Delta R.T.: 0.000 min
Response: 2083072
Conc: 19.49 ug/ml



#13 n-Docosane (C22)

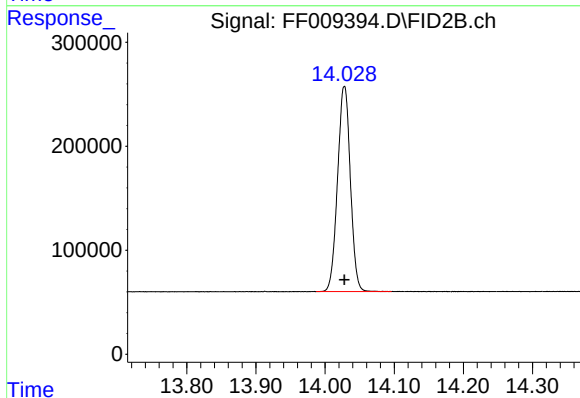
R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 2514030
Conc: 19.40 ug/ml

Instrument :

FID_F

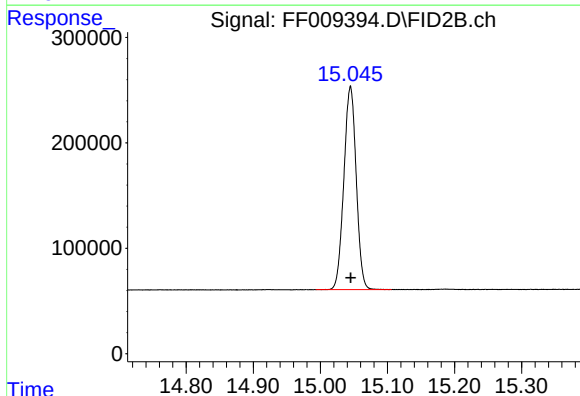
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



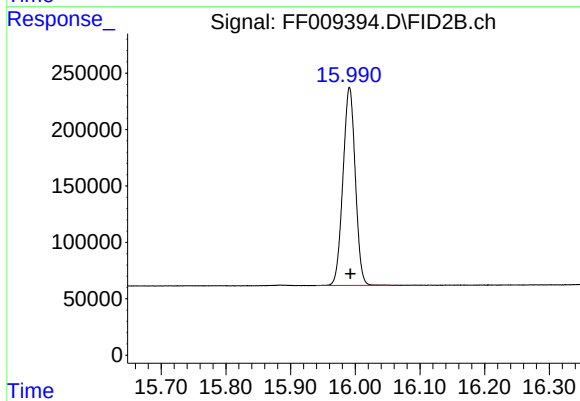
#14 n-Tetracosane (C24)

R.T.: 14.028 min
Delta R.T.: 0.000 min
Response: 2542514
Conc: 19.52 ug/ml



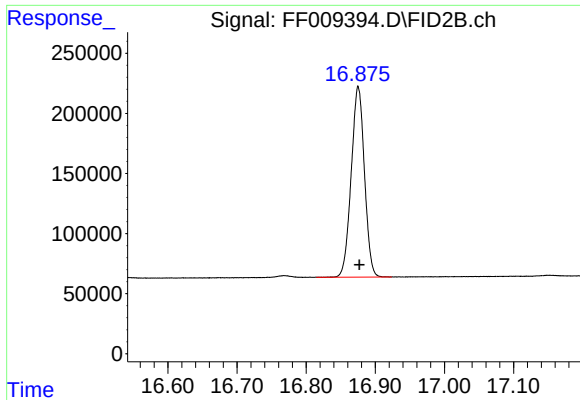
#15 n-Hexacosane (C26)

R.T.: 15.045 min
Delta R.T.: 0.000 min
Response: 2464533
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

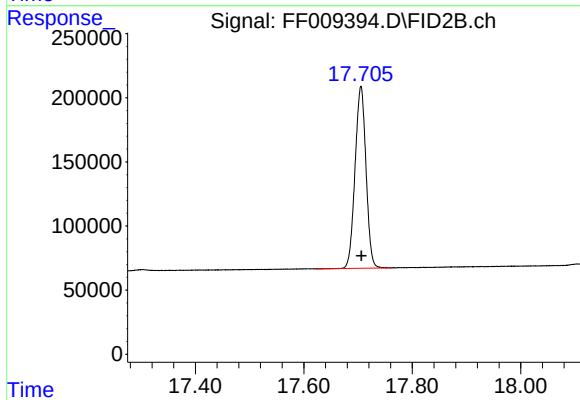
R.T.: 15.991 min
Delta R.T.: -0.001 min
Response: 2323949
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

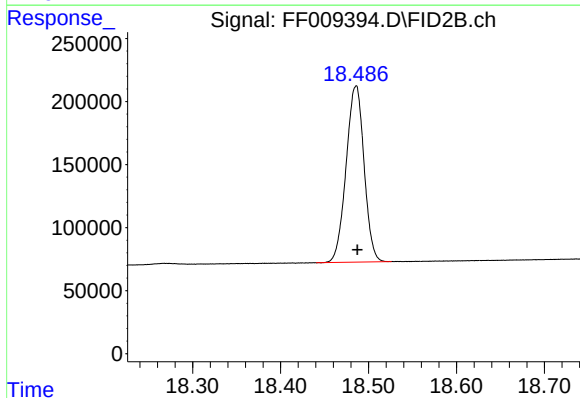
R.T.: 16.875 min
Delta R.T.: -0.002 min
Response: 2108289
Conc: 19.73 ug/ml

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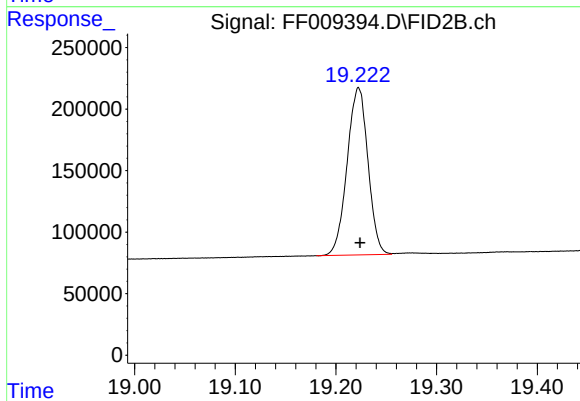
#18 n-Dotriacontane (C32)

R.T.: 17.705 min
Delta R.T.: 0.000 min
Response: 1984180
Conc: 19.27 ug/ml



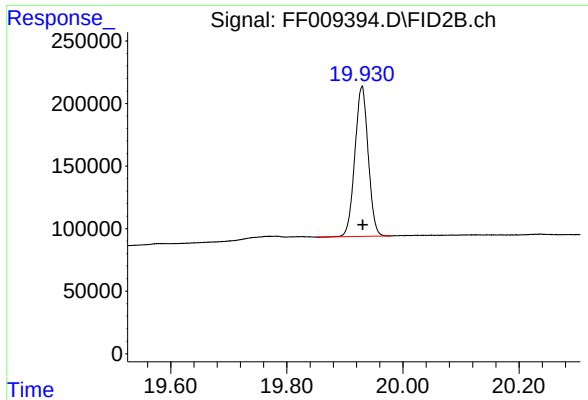
#19 n-Tetratriacontane (C34)

R.T.: 18.486 min
Delta R.T.: -0.001 min
Response: 1984990
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

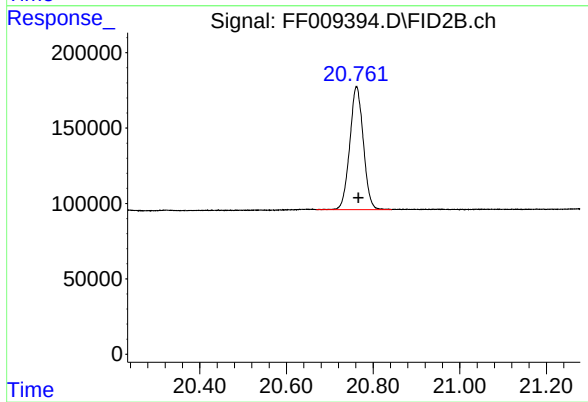
R.T.: 19.223 min
Delta R.T.: -0.001 min
Response: 1956706
Conc: 19.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.930 min
Delta R.T.: -0.001 min
Response: 1912263
Conc: 19.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.762 min
Delta R.T.: -0.004 min
Response: 1772429
Conc: 21.78 ug/ml