

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009392.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 14:45
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 14 15:19:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:45:23 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)	10.745	1152876	8.752 ug/ml
Spiked Amount 50.000		Recovery =	17.50%
12) S 1-chlorooctadecane (S...	12.178	914740	8.715 ug/ml
Spiked Amount 50.000		Recovery =	17.43%
Target Compounds			
1) T n-Nonane (C9)	2.643	991007	8.649 ug/ml
2) T n-Decane (C10)	3.644	995028	8.722 ug/ml
3) T A~Naphthalene (C11.7)	5.201	1040945	8.305 ug/ml
4) T n-Dodecane (C12)	5.622	1014406	8.738 ug/ml
5) T A~2-methylnaphthalene...	6.245	1050474	8.372 ug/ml
6) T n-Tetradecane (C14)	7.404	1014642	8.671 ug/ml
7) T n-Hexadecane (C16)	8.996	1021771	8.640 ug/ml
8) T n-Octadecane (C18)	10.431	1092122	8.791 ug/ml
10) T n-Eicosane (C20)	11.735	1103176	8.815 ug/ml
11) T n-Heneicosane (C21)	12.344	1124512	8.814 ug/ml
13) T n-Docosane (C22)	12.929	1114239	8.750 ug/ml
14) T n-Tetracosane (C24)	14.028	1107159	8.615 ug/ml
15) T n-Hexacosane (C26)	15.045	1031971	8.375 ug/ml
16) T n-Octacosane (C28)	15.992	937303	8.224 ug/ml
17) T n-Tricontane (C30)	16.876	881591	8.529 ug/ml
18) T n-Dotriacontane (C32)	17.705	884275	8.905 ug/ml
19) T n-Tetratriacontane (C34)	18.486	884618	8.823 ug/ml
20) T n-Hexatriacontane (C36)	19.222	848388	8.599 ug/ml
21) T n-Octatriacontane (C38)	19.930	792765	8.325 ug/ml
22) T n-Tetracontane (C40)	20.763	579354	7.318 ug/ml

(f)=RT Delta > 1/2 Window

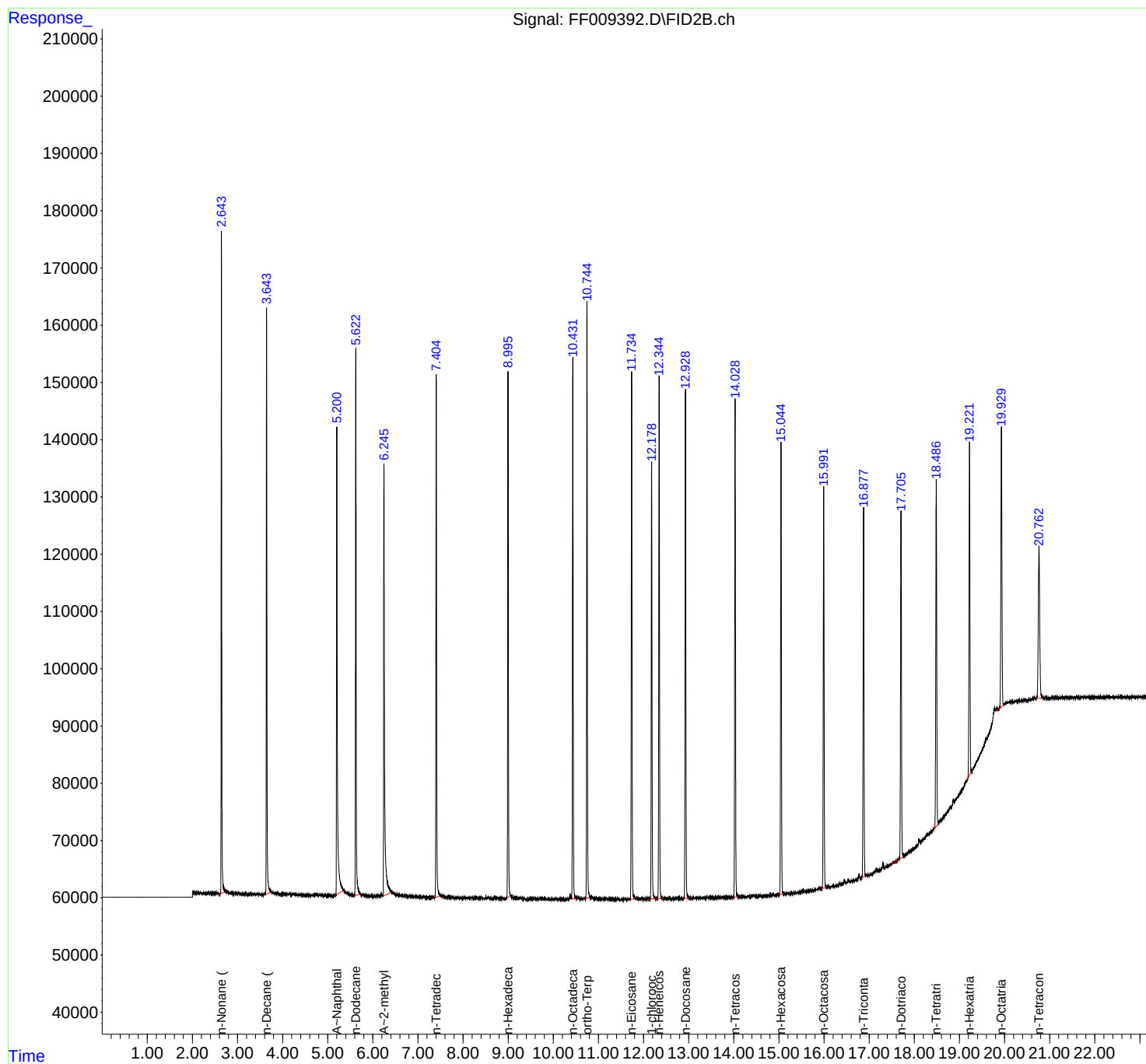
(m)=manual int.

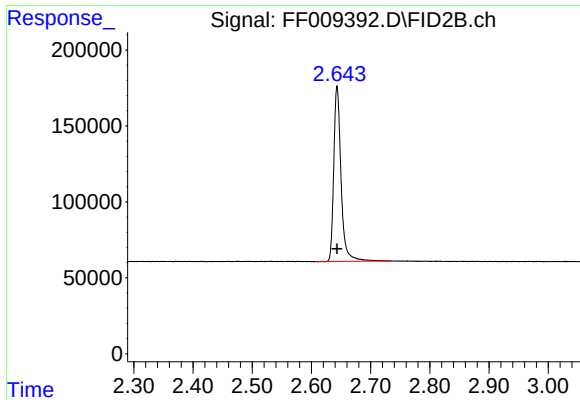
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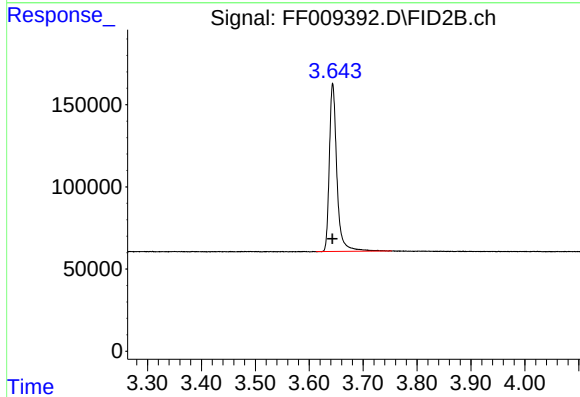




#1 n-Nonane (C9)

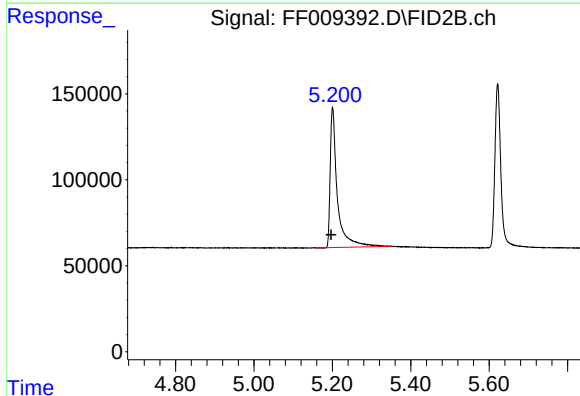
R.T.: 2.643 min
Delta R.T.: 0.000 min
Response: 991007
Conc: 8.65 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



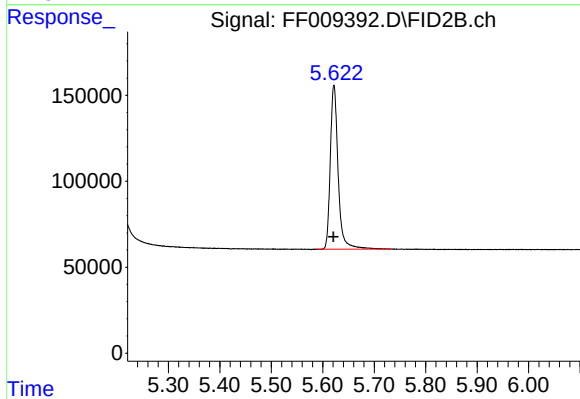
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 995028
Conc: 8.72 ug/ml



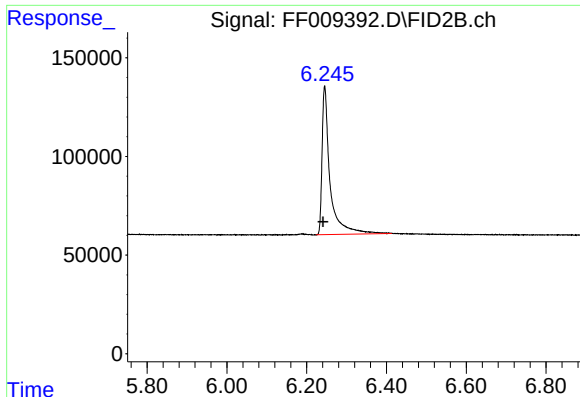
#3 A~Naphthalene (C11.7)

R.T.: 5.201 min
Delta R.T.: 0.004 min
Response: 1040945
Conc: 8.31 ug/ml



#4 n-Dodecane (C12)

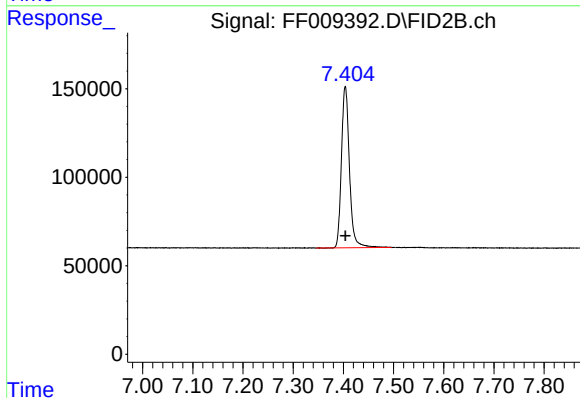
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 1014406
Conc: 8.74 ug/ml



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

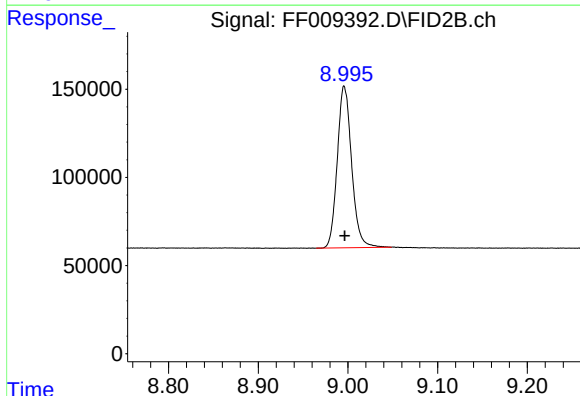
R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 1050474
Conc: 8.37 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



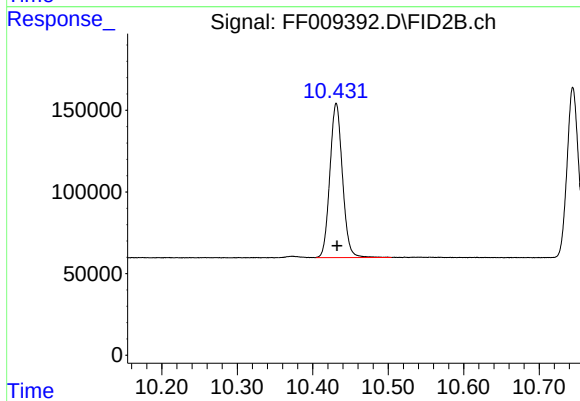
#6 n-Tetradecane (C14)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 1014642
Conc: 8.67 ug/ml



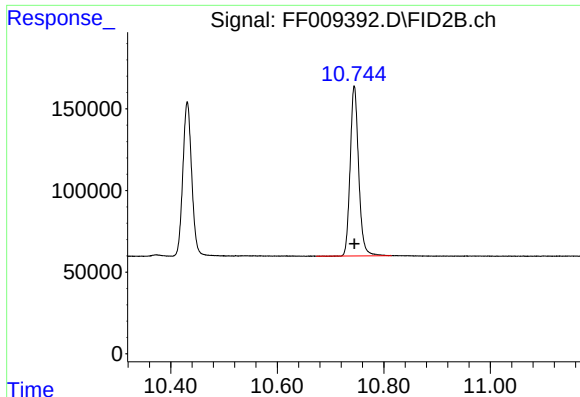
#7 n-Hexadecane (C16)

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 1021771
Conc: 8.64 ug/ml



#8 n-Octadecane (C18)

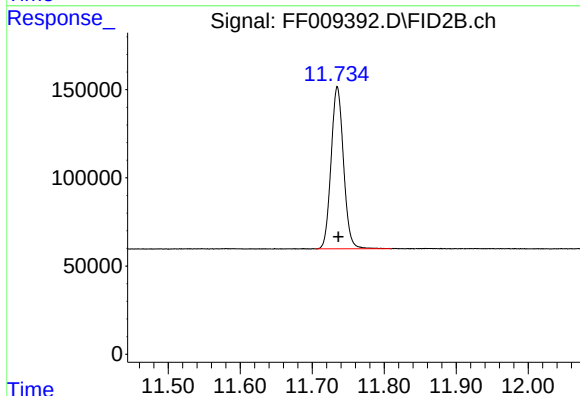
R.T.: 10.431 min
Delta R.T.: 0.000 min
Response: 1092122
Conc: 8.79 ug/ml



#9 ortho-Terphenyl (SURR)

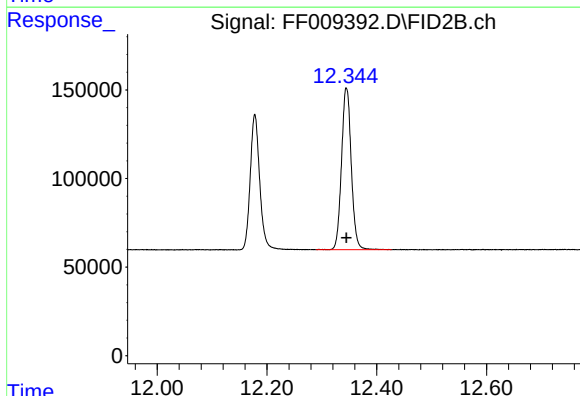
R.T.: 10.745 min
Delta R.T.: 0.000 min
Response: 1152876
Conc: 8.75 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



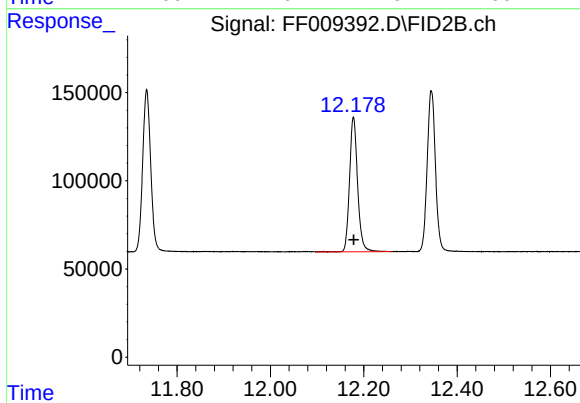
#10 n-Eicosane (C20)

R.T.: 11.735 min
Delta R.T.: -0.001 min
Response: 1103176
Conc: 8.82 ug/ml



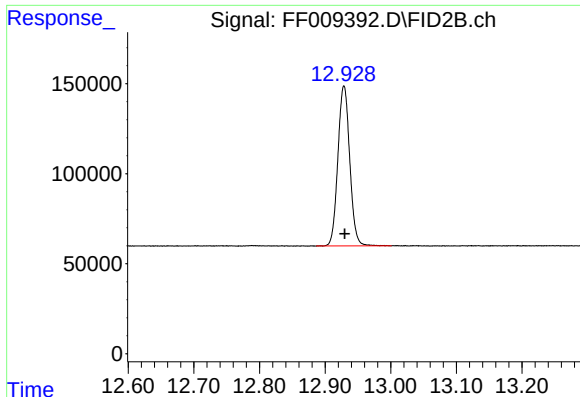
#11 n-Heneicosane (C21)

R.T.: 12.344 min
Delta R.T.: 0.000 min
Response: 1124512
Conc: 8.81 ug/ml



#12 1-chlorooctadecane (SURR)

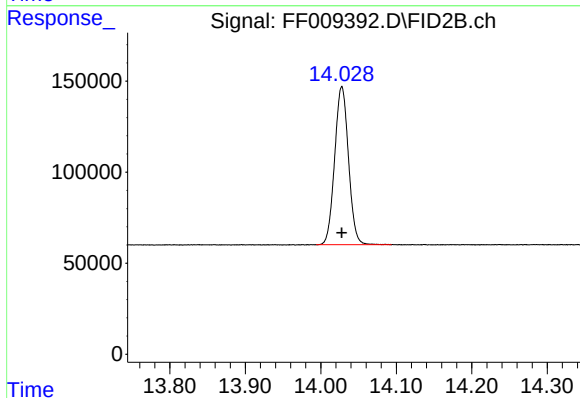
R.T.: 12.178 min
Delta R.T.: 0.000 min
Response: 914740
Conc: 8.71 ug/ml



#13 n-Docosane (C22)

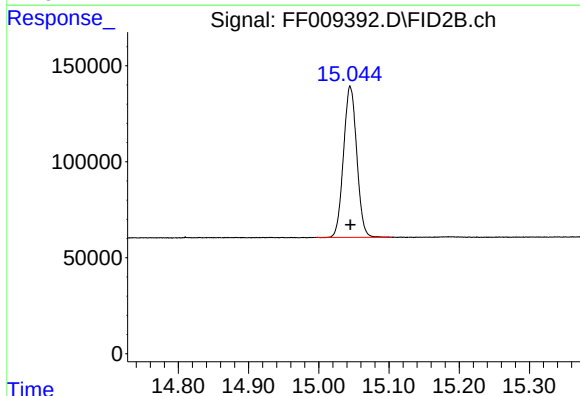
R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 1114239
Conc: 8.75 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



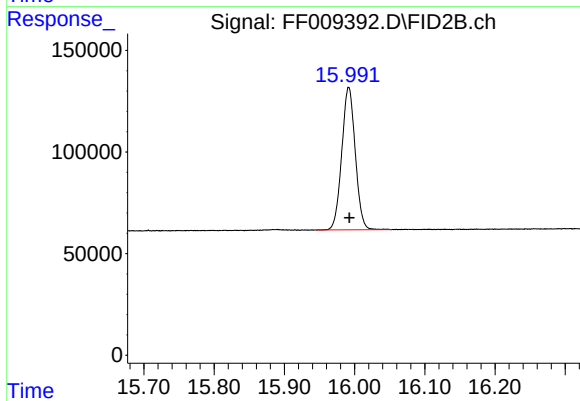
#14 n-Tetracosane (C24)

R.T.: 14.028 min
Delta R.T.: 0.000 min
Response: 1107159
Conc: 8.62 ug/ml



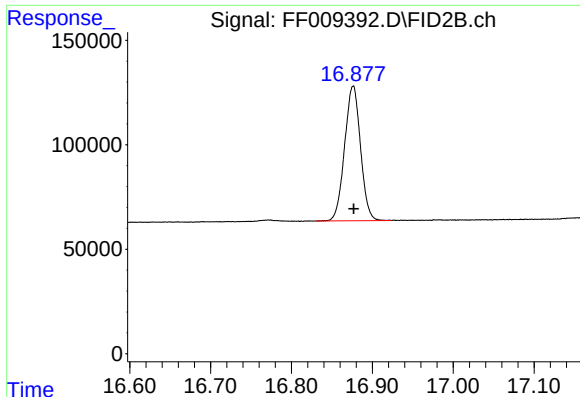
#15 n-Hexacosane (C26)

R.T.: 15.045 min
Delta R.T.: 0.000 min
Response: 1031971
Conc: 8.37 ug/ml



#16 n-Octacosane (C28)

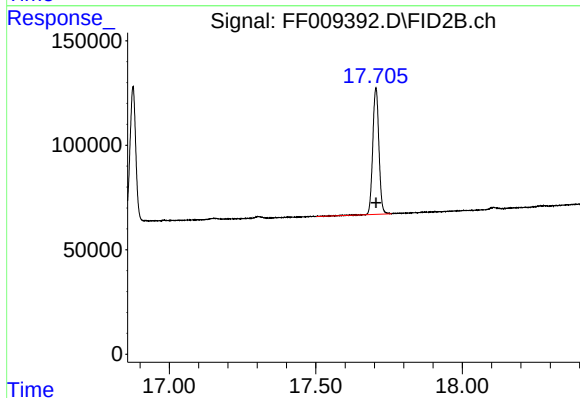
R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 937303
Conc: 8.22 ug/ml



#17 n-Tricontane (C30)

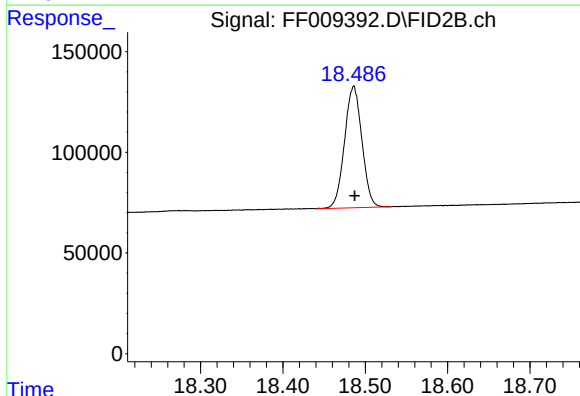
R.T.: 16.876 min
Delta R.T.: 0.000 min
Response: 881591
Conc: 8.53 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



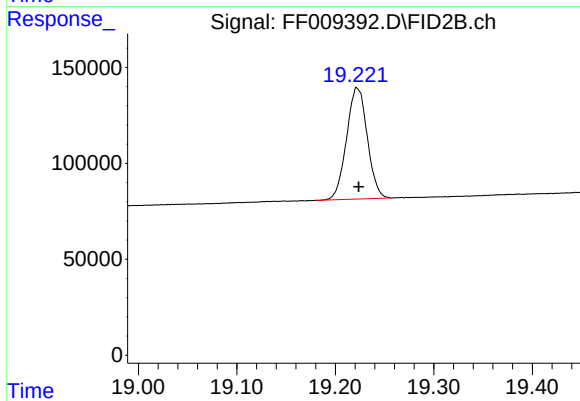
#18 n-Dotriacontane (C32)

R.T.: 17.705 min
Delta R.T.: 0.000 min
Response: 884275
Conc: 8.90 ug/ml



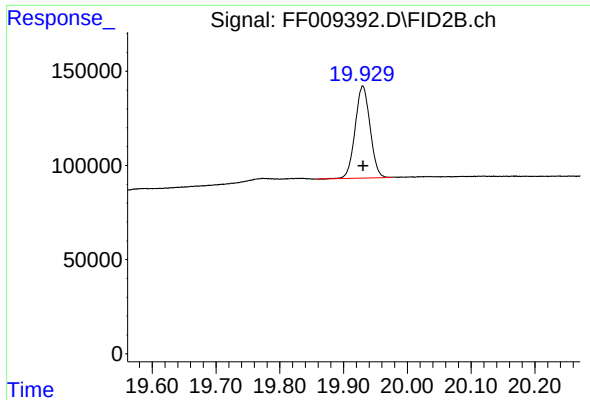
#19 n-Tetratriacontane (C34)

R.T.: 18.486 min
Delta R.T.: -0.001 min
Response: 884618
Conc: 8.82 ug/ml



#20 n-Hexatriacontane (C36)

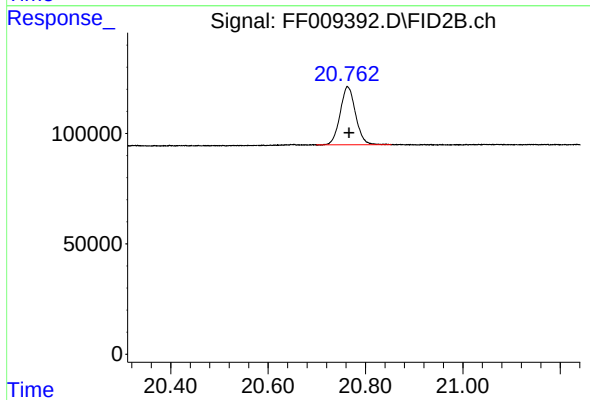
R.T.: 19.222 min
Delta R.T.: -0.002 min
Response: 848388
Conc: 8.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.930 min
Delta R.T.: 0.000 min
Response: 792765
Conc: 8.33 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 20.763 min
Delta R.T.: -0.003 min
Response: 579354
Conc: 7.32 ug/ml