

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066793.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 11:59
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 15 13:56:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:49:40 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)	11.522	1425423	9.305 ug/ml
Spiked Amount 50.000		Recovery =	18.61%
12) S 1-chlorooctadecane (S...	12.961	1019730	9.087 ug/ml
Spiked Amount 50.000		Recovery =	18.17%
Target Compounds			
1) T n-Nonane (C9)	3.287	1327198	9.473 ug/ml
2) T n-Decane (C10)	4.354	1375812	9.363 ug/ml
3) T A~Naphthalene (C11.7)	5.935	1485557	9.340 ug/ml
4) T n-Dodecane (C12)	6.372	1391111	9.311 ug/ml
5) T A~2-methylnaphthalene...	6.992	1416943	9.219 ug/ml
6) T n-Tetradecane (C14)	8.167	1353773	9.274 ug/ml
7) T n-Hexadecane (C16)	9.768	1390780	9.317 ug/ml
8) T n-Octadecane (C18)	11.209	1376183	9.302 ug/ml
10) T n-Eicosane (C20)	12.518	1293642	9.298 ug/ml
11) T n-Heneicosane (C21)	13.129	1263180	9.307 ug/ml
13) T n-Docosane (C22)	13.716	1241568	9.283 ug/ml
14) T n-Tetracosane (C24)	14.819	1230214	9.326 ug/ml
15) T n-Hexacosane (C26)	15.838	1207821	9.365 ug/ml
16) T n-Octacosane (C28)	16.788	1168633	9.305 ug/ml
17) T n-Tricontane (C30)	17.675	1203440	9.412 ug/ml
18) T n-Dotriacontane (C32)	18.507	1183734	9.449 ug/ml
19) T n-Tetratriacontane (C34)	19.290	1170684	9.538 ug/ml
20) T n-Hexatriacontane (C36)	20.029	1091393	9.420 ug/ml
21) T n-Octatriacontane (C38)	20.759	1037128	9.348 ug/ml
22) T n-Tetracontane (C40)	21.655	1026146	9.577 ug/ml

(f)=RT Delta > 1/2 Window

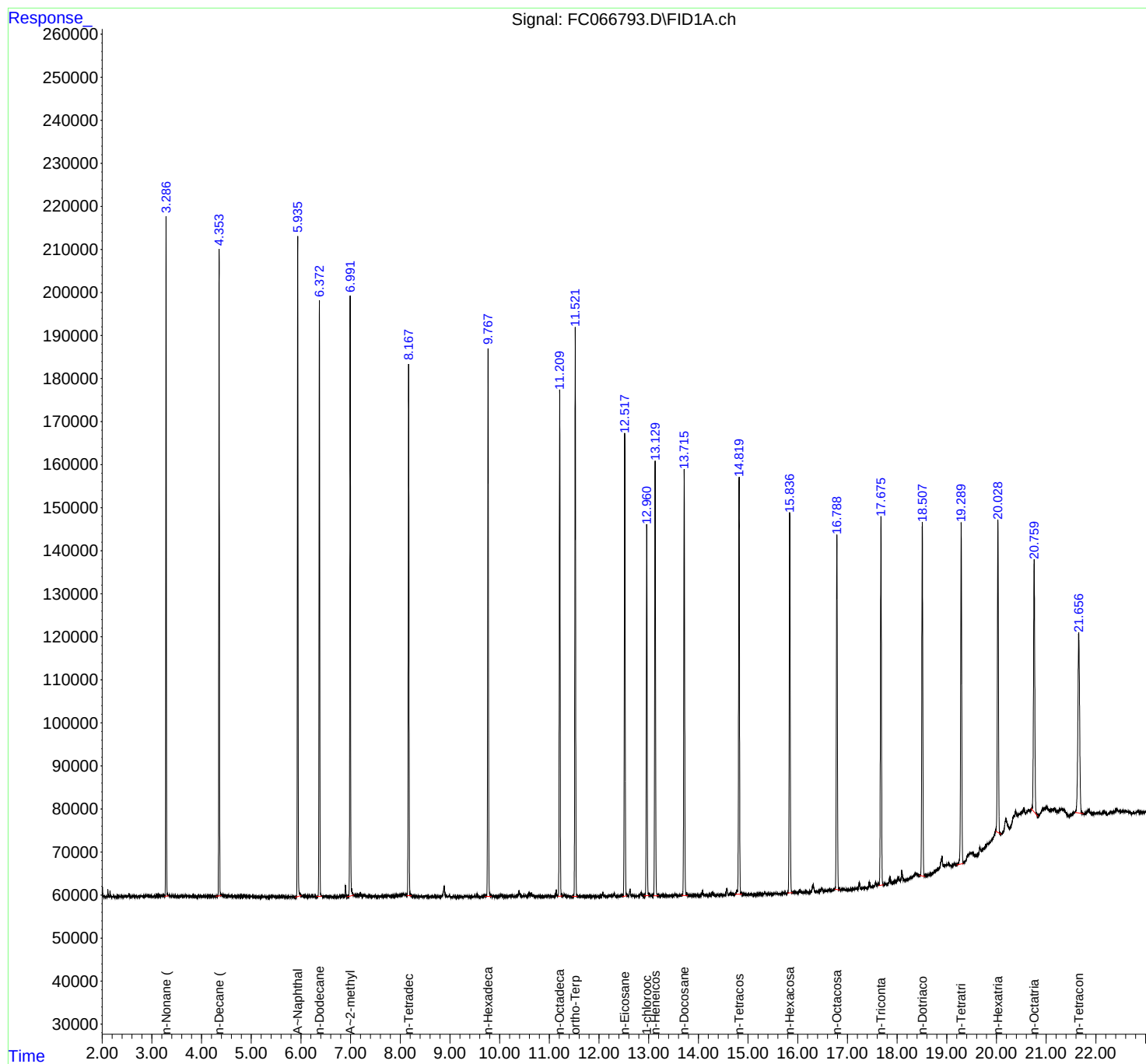
(m)=manual int.

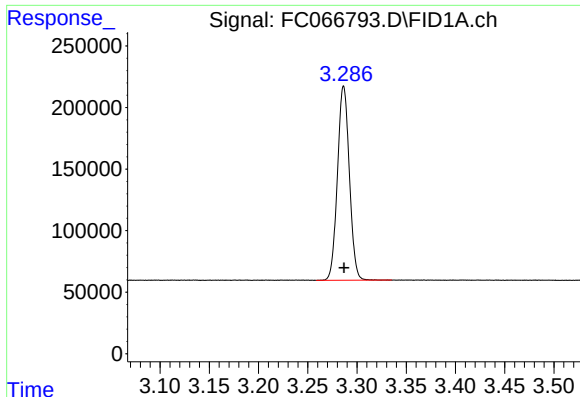
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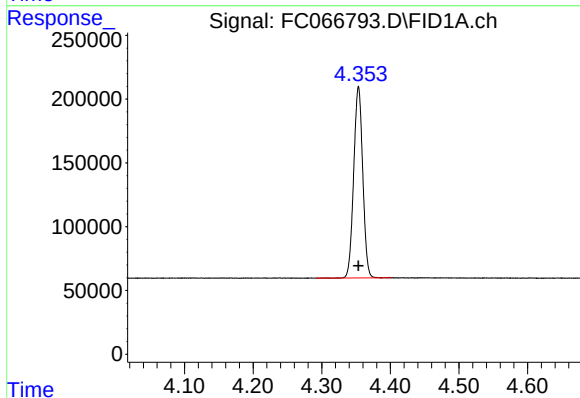




#1 n-Nonane (C9)

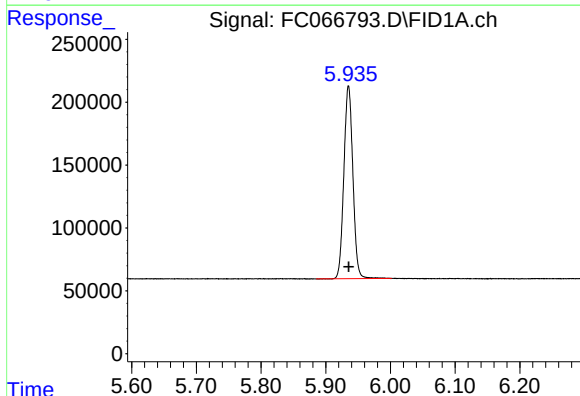
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 1327198
Conc: 9.47 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



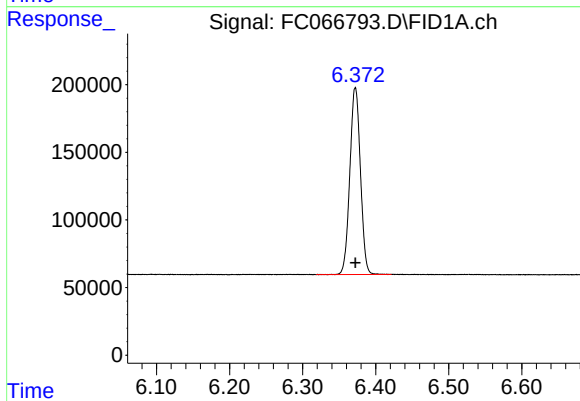
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 1375812
Conc: 9.36 ug/ml



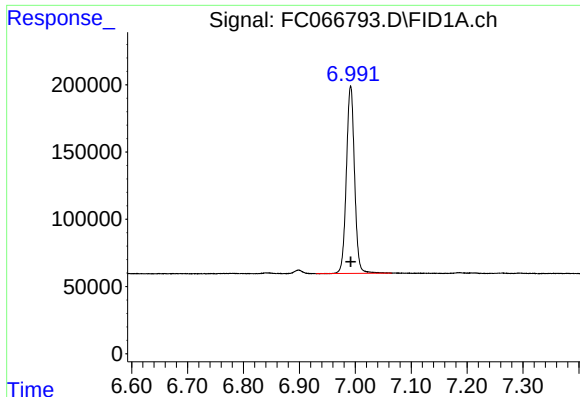
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 1485557
Conc: 9.34 ug/ml



#4 n-Dodecane (C12)

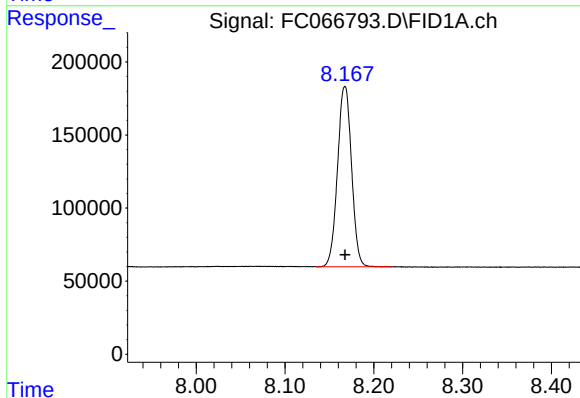
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 1391111
Conc: 9.31 ug/ml



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

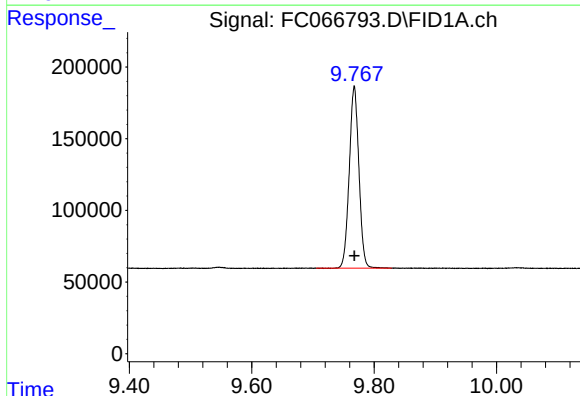
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 1416943
Conc: 9.22 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



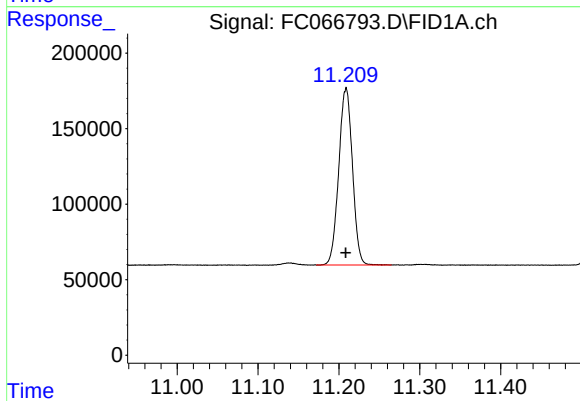
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 1353773
Conc: 9.27 ug/ml



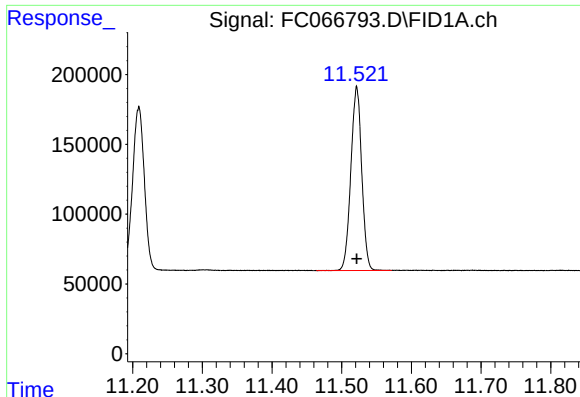
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 1390780
Conc: 9.32 ug/ml



#8 n-Octadecane (C18)

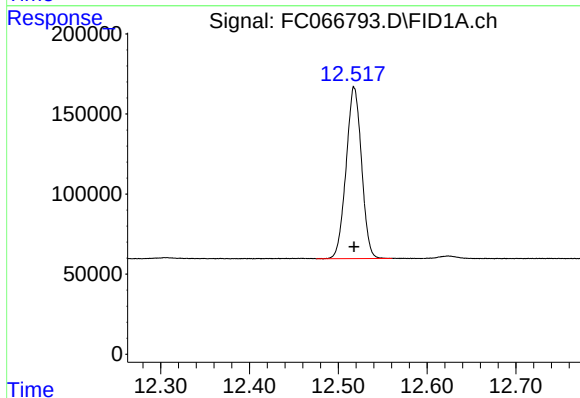
R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 1376183
Conc: 9.30 ug/ml



#9 ortho-Terphenyl (SURR)

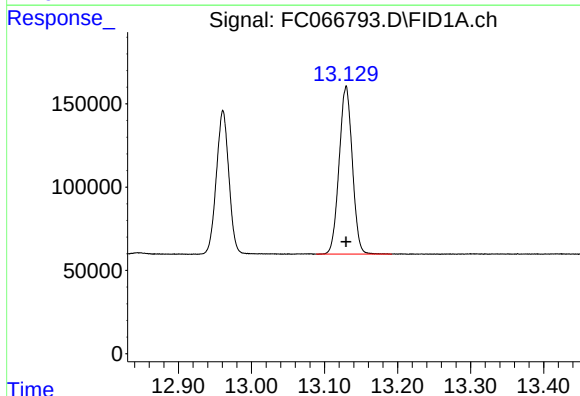
R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 1425423
Conc: 9.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



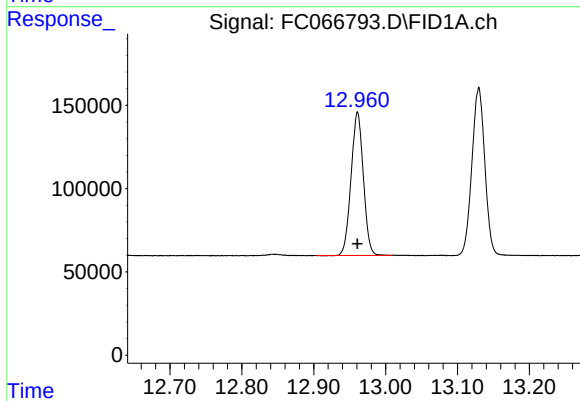
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 1293642
Conc: 9.30 ug/ml



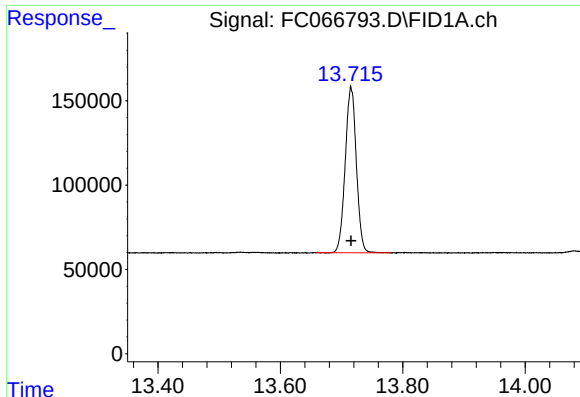
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 1263180
Conc: 9.31 ug/ml



#12 1-chlorooctadecane (SURR)

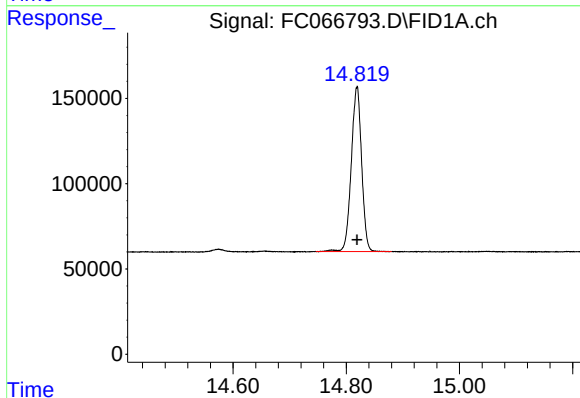
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 1019730
Conc: 9.09 ug/ml



#13 n-Docosane (C22)

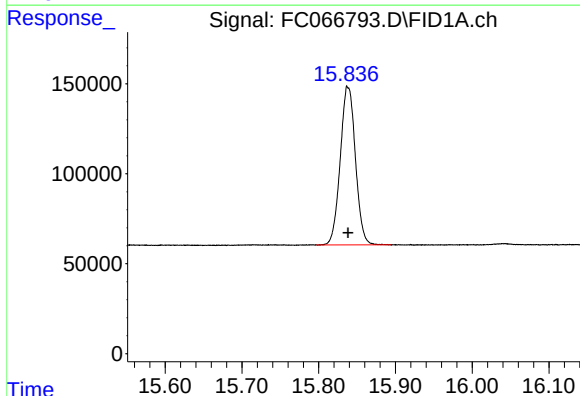
R.T.: 13.716 min
Delta R.T.: 0.000 min
Response: 1241568
Conc: 9.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



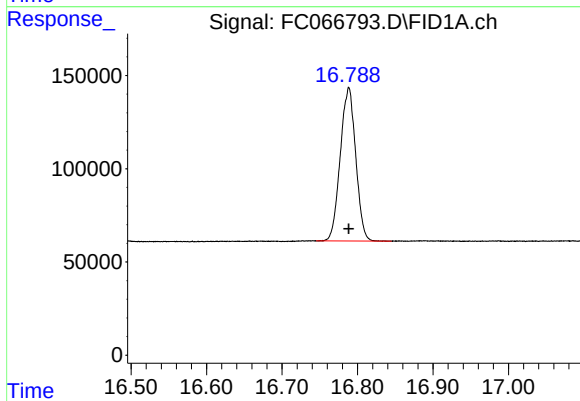
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 1230214
Conc: 9.33 ug/ml



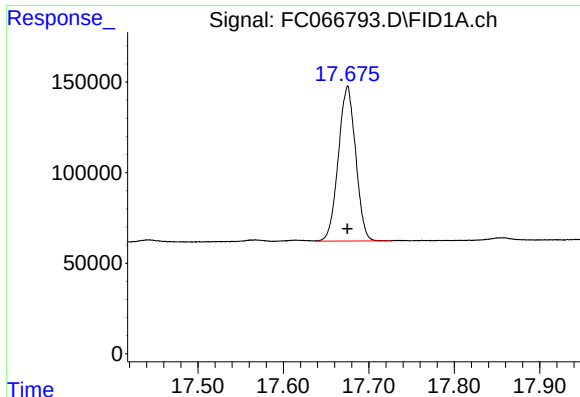
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.000 min
Response: 1207821
Conc: 9.37 ug/ml



#16 n-Octacosane (C28)

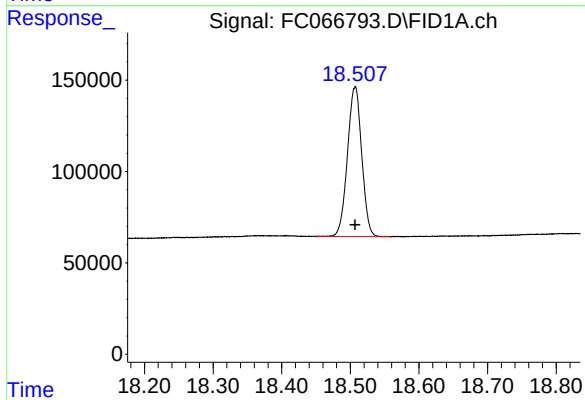
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1168633
Conc: 9.30 ug/ml



#17 n-Tricontane (C30)

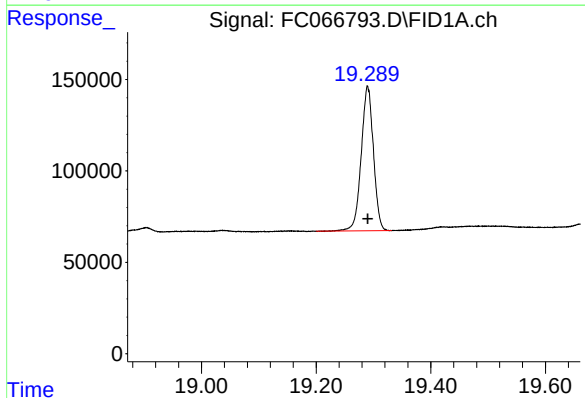
R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 1203440
Conc: 9.41 ug/ml

Instrument :
FID_C
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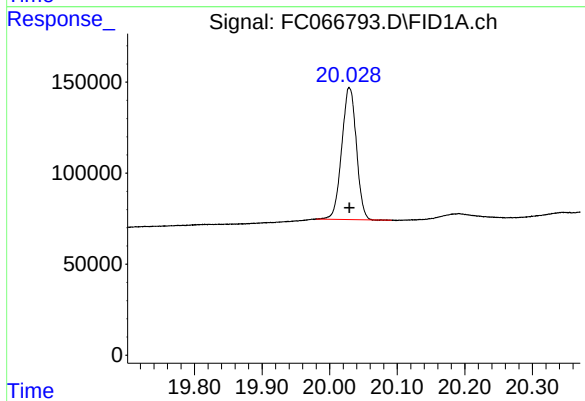
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.000 min
Response: 1183734
Conc: 9.45 ug/ml



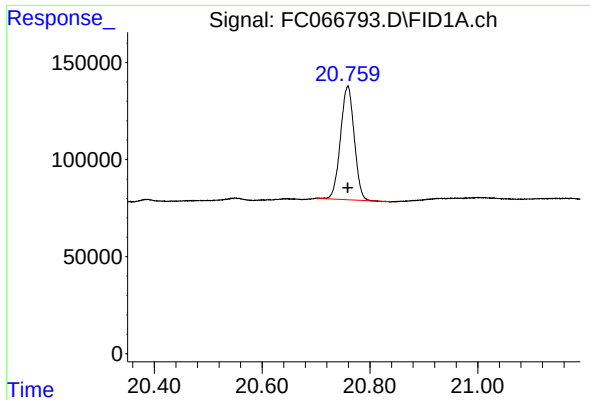
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 1170684
Conc: 9.54 ug/ml



#20 n-Hexatriacontane (C36)

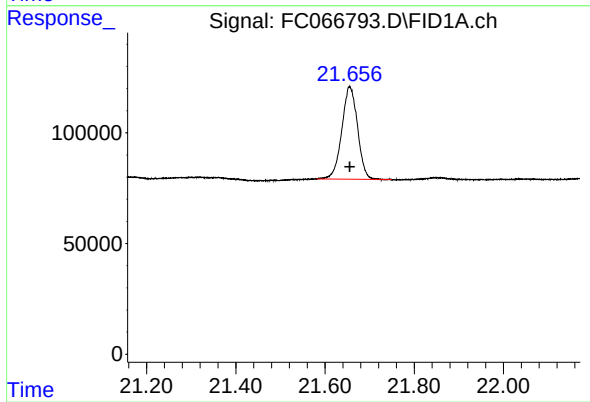
R.T.: 20.029 min
Delta R.T.: 0.000 min
Response: 1091393
Conc: 9.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.759 min
Delta R.T.: 0.000 min
Response: 1037128
Conc: 9.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: 0.000 min
Response: 1026146
Conc: 9.58 ug/ml