

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111422AL\
 Data File : FC062182.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2022 17:39
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 15 01:18:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:12:10 2022
 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)	11.591	1460534	11.288 ug/ml
Spiked Amount 50.000		Recovery =	22.58%
12) S 1-chlorooctadecane (S...	13.026	1083980	11.174 ug/ml
Spiked Amount 50.000		Recovery =	22.35%
Target Compounds			
1) T n-Nonane (C9)	3.353	1498602	11.404 ug/ml
2) T n-Decane (C10)	4.419	1455157	11.370 ug/ml
3) T A~Naphthalene (C11.7)	6.005	1556354	11.144 ug/ml
4) T n-Dodecane (C12)	6.437	1433572	11.328 ug/ml
5) T A~2-methylnaphthalene...	7.063	1422861	11.028 ug/ml
6) T n-Tetradecane (C14)	8.233	1398463	11.295 ug/ml
7) T n-Hexadecane (C16)	9.834	1386667	11.273 ug/ml
8) T n-Octadecane (C18)	11.274	1363843	11.251 ug/ml
10) T n-Eicosane (C20)	12.582	1300929	11.284 ug/ml
11) T n-Heneicosane (C21)	13.193	1290184	11.285 ug/ml
13) T n-Docosane (C22)	13.777	1259773	11.250 ug/ml
14) T n-Tetracosane (C24)	14.877	1229707	11.254 ug/ml
15) T n-Hexacosane (C26)	15.897	1187739	11.206 ug/ml
16) T n-Octacosane (C28)	16.844	1171777	11.254 ug/ml
17) T n-Tricontane (C30)	17.729	1170745	11.358 ug/ml
18) T n-Dotriacontane (C32)	18.558	1188132	11.481 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1174956	11.459 ug/ml
20) T n-Hexatriacontane (C36)	20.077	1126054	11.454 ug/ml
21) T n-Octatriacontane (C38)	20.811	1104605	11.304 ug/ml
22) T n-Tetracontane (C40)	21.721	1093567	11.367 ug/ml

(f)=RT Delta > 1/2 Window

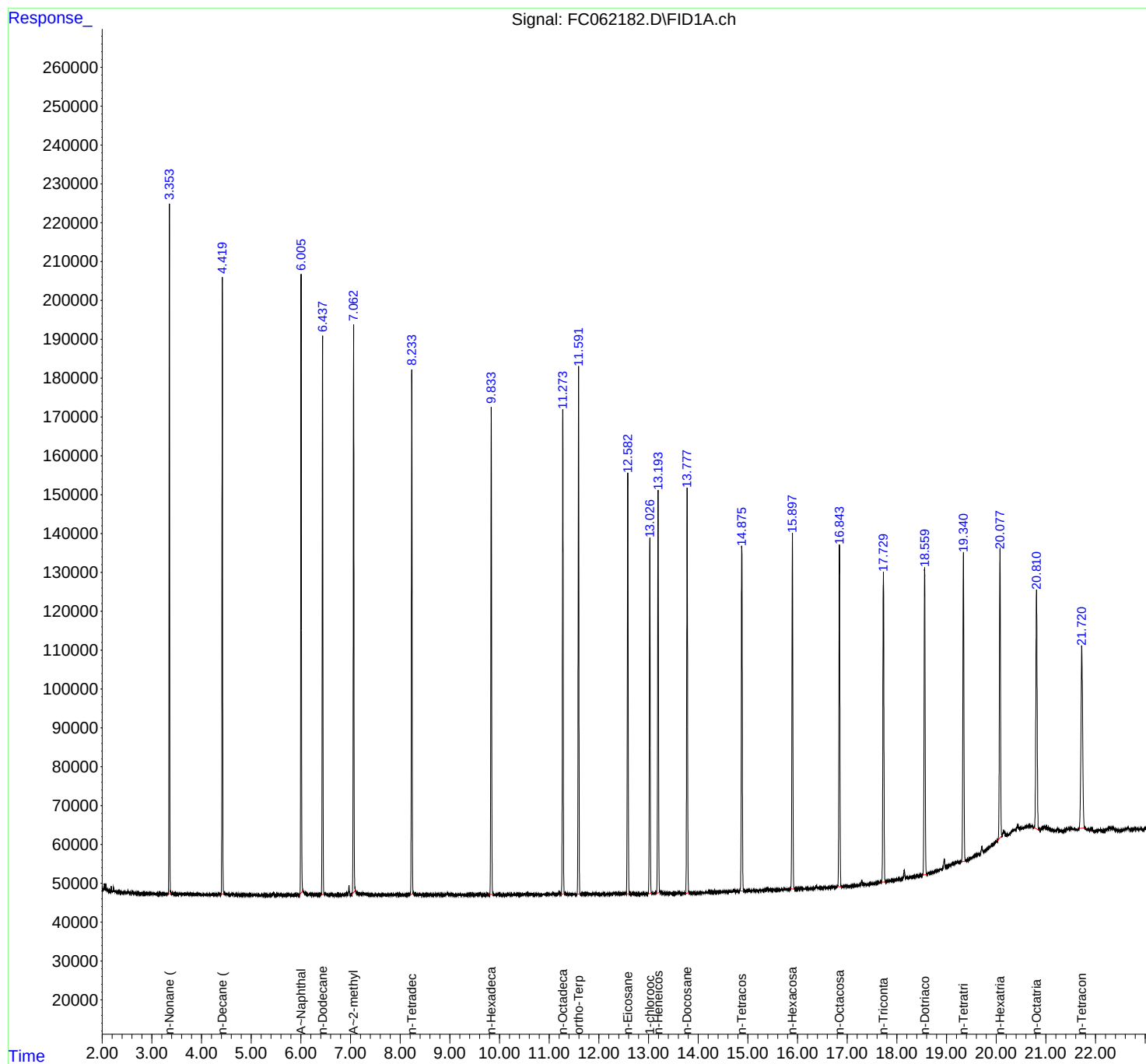
(m)=manual int.

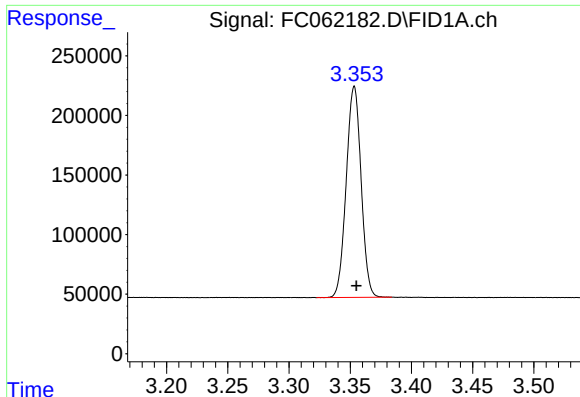
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111422AL\
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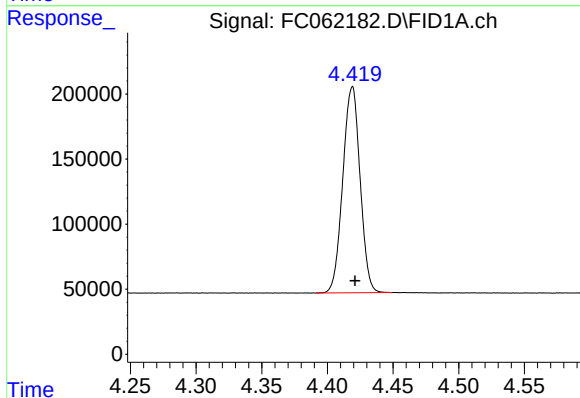




#1 n-Nonane (C9)

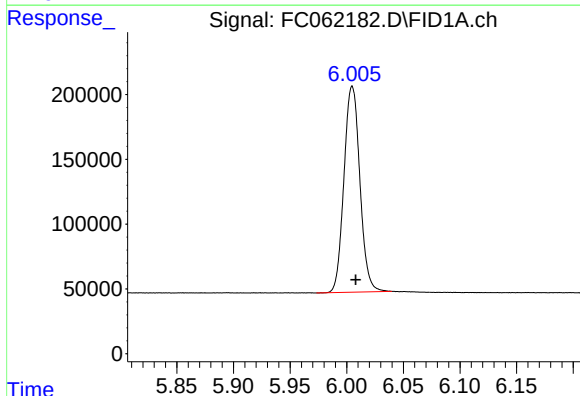
R.T.: 3.353 min
Delta R.T.: -0.002 min
Response: 1498602
Conc: 11.40 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



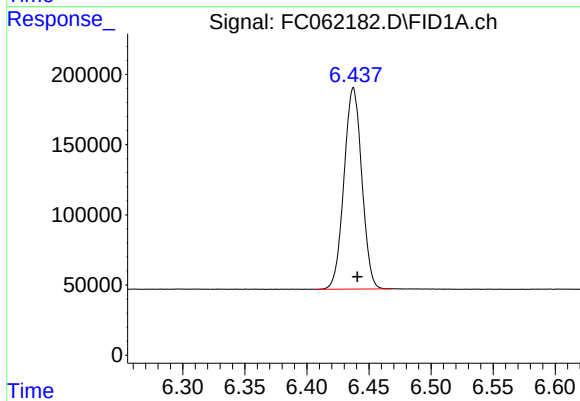
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 1455157
Conc: 11.37 ug/ml



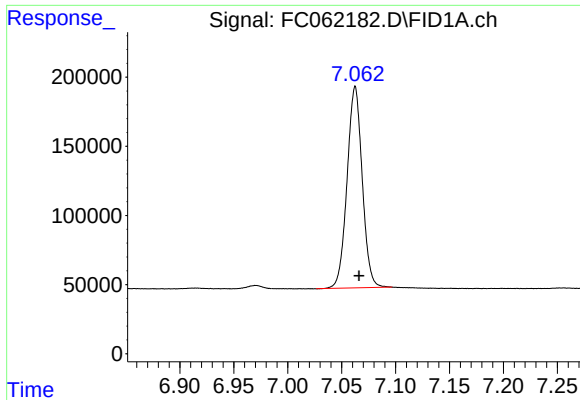
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 1556354
Conc: 11.14 ug/ml



#4 n-Dodecane (C12)

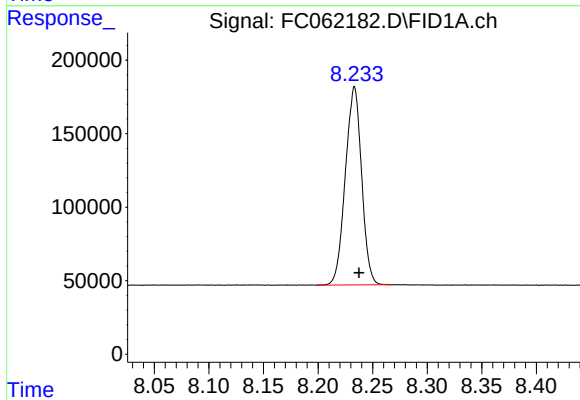
R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 1433572
Conc: 11.33 ug/ml



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

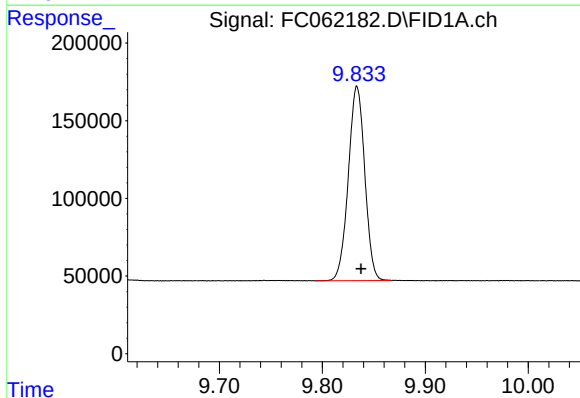
R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 1422861
Conc: 11.03 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



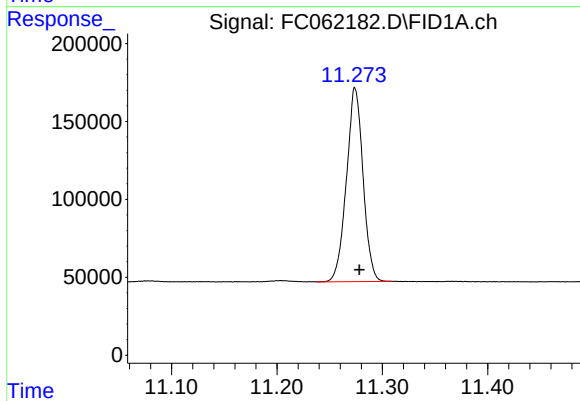
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 1398463
Conc: 11.30 ug/ml



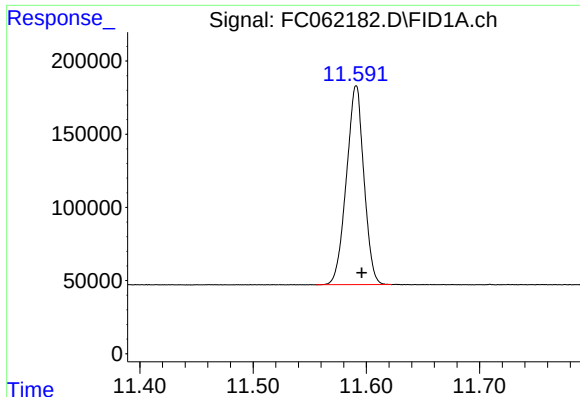
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.004 min
Response: 1386667
Conc: 11.27 ug/ml



#8 n-Octadecane (C18)

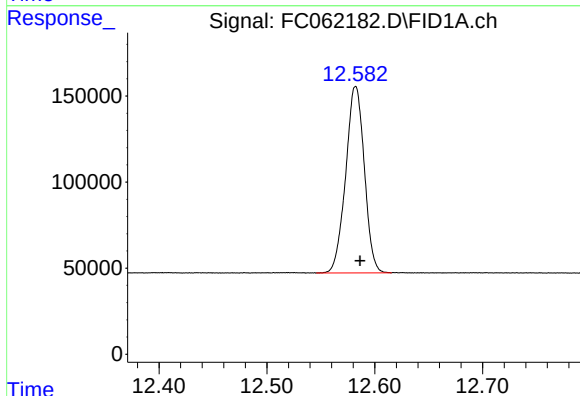
R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 1363843
Conc: 11.25 ug/ml



#9 ortho-Terphenyl (SURR)

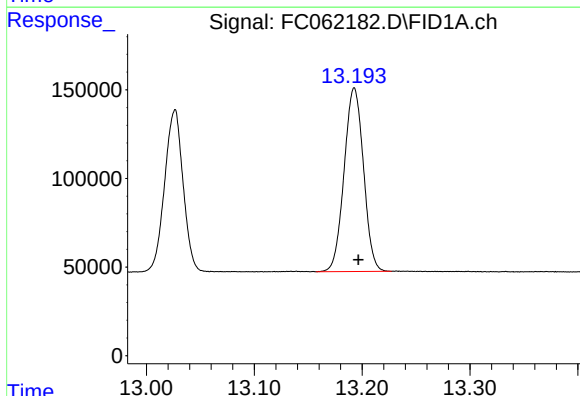
R.T.: 11.591 min
Delta R.T.: -0.005 min
Response: 1460534
Conc: 11.29 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



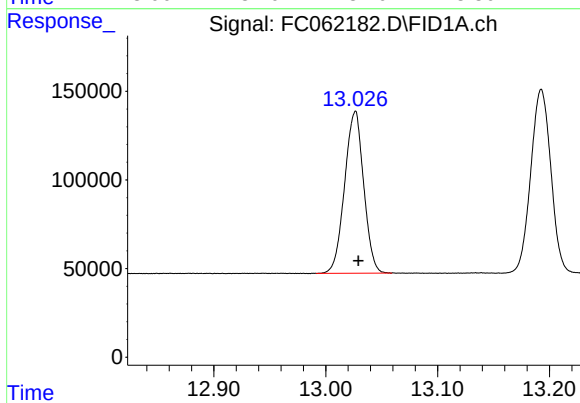
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.004 min
Response: 1300929
Conc: 11.28 ug/ml



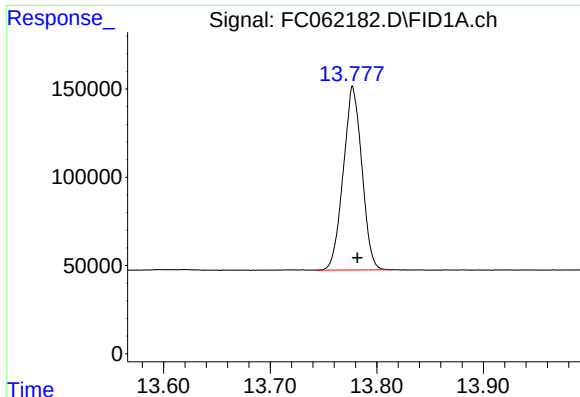
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.004 min
Response: 1290184
Conc: 11.29 ug/ml



#12 1-chlorooctadecane (SURR)

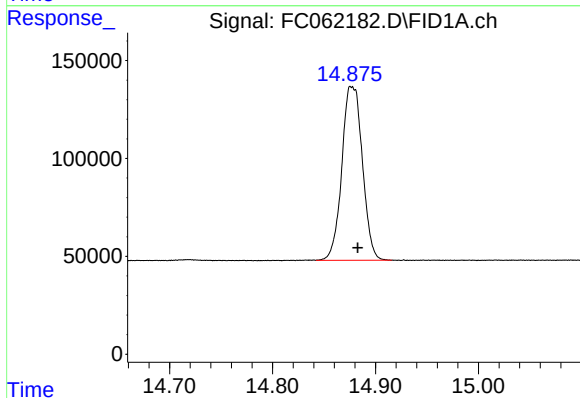
R.T.: 13.026 min
Delta R.T.: -0.003 min
Response: 1083980
Conc: 11.17 ug/ml



#13 n-Docosane (C22)

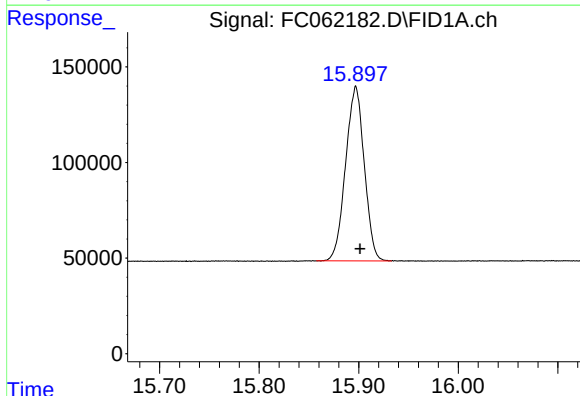
R.T.: 13.777 min
Delta R.T.: -0.005 min
Response: 1259773
Conc: 11.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



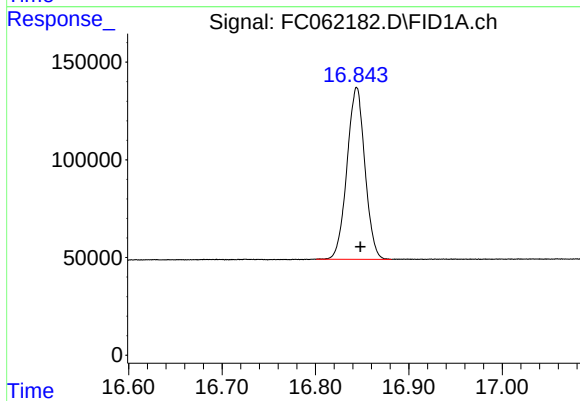
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.006 min
Response: 1229707
Conc: 11.25 ug/ml



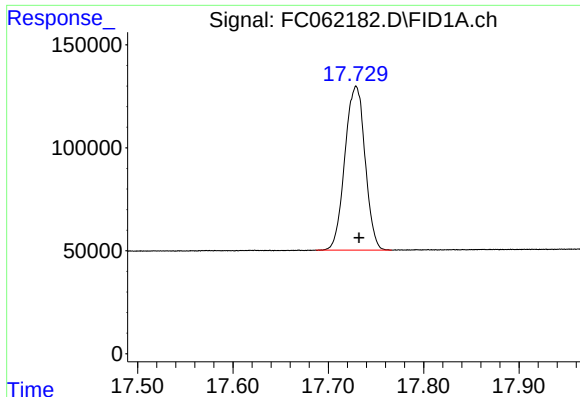
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.004 min
Response: 1187739
Conc: 11.21 ug/ml



#16 n-Octacosane (C28)

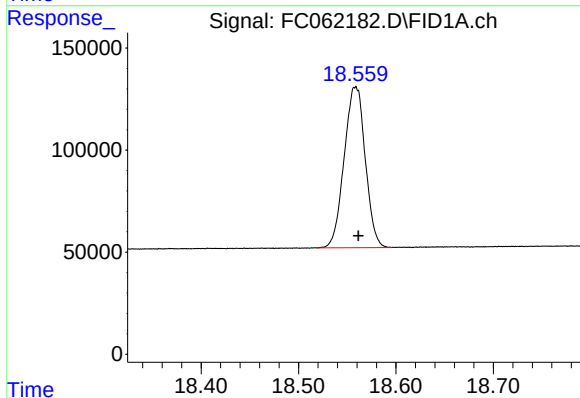
R.T.: 16.844 min
Delta R.T.: -0.004 min
Response: 1171777
Conc: 11.25 ug/ml



#17 n-Tricontane (C30)

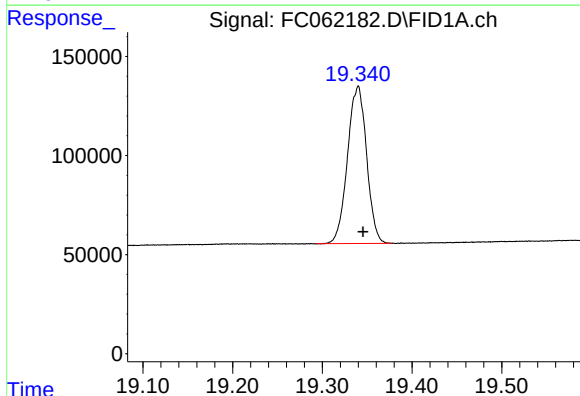
R.T.: 17.729 min
Delta R.T.: -0.003 min
Response: 1170745
Conc: 11.36 ug/ml

Instrument :
FID_C
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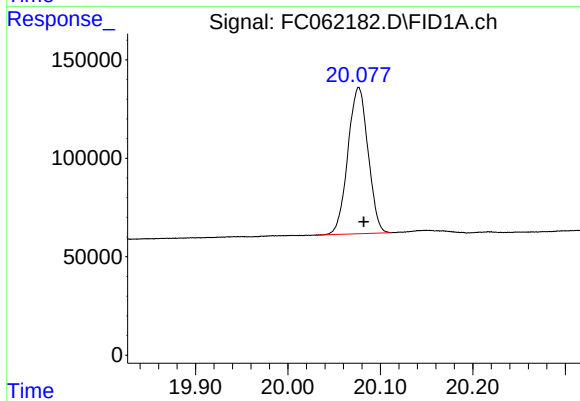
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.003 min
Response: 1188132
Conc: 11.48 ug/ml



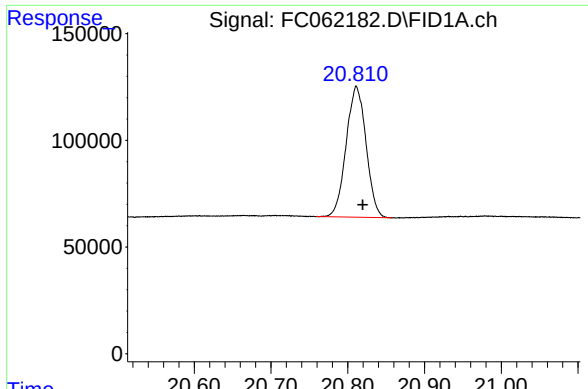
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.005 min
Response: 1174956
Conc: 11.46 ug/ml



#20 n-Hexatriacontane (C36)

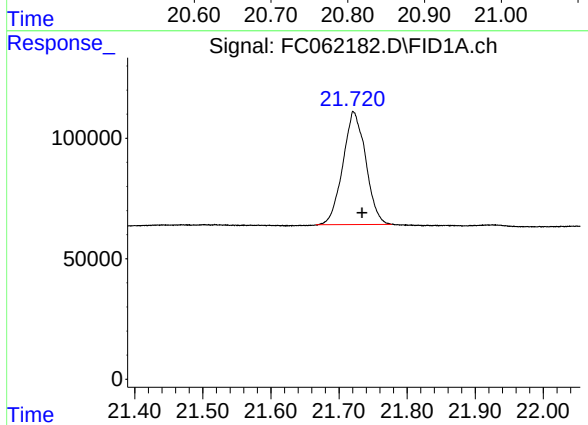
R.T.: 20.077 min
Delta R.T.: -0.005 min
Response: 1126054
Conc: 11.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.008 min
Response: 1104605
Conc: 11.30 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.012 min
Response: 1093567
Conc: 11.37 ug/ml