

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068490.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 17:45
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 02 18:44:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 18:36:21 2025
 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)	11.712	1390233	10.902 ug/ml
Spiked Amount 50.000		Recovery =	21.80%
12) S 1-chlorooctadecane (S...	13.310	1145180	10.864 ug/ml
Spiked Amount 50.000		Recovery =	21.73%
Target Compounds			
1) T n-Nonane (C9)	3.450	1201876	10.873 ug/ml
2) T n-Decane (C10)	4.525	1219789	10.864 ug/ml
3) T A~Naphthalene (C11.7)	6.121	1349544	10.858 ug/ml
4) T n-Dodecane (C12)	6.549	1219403	10.876 ug/ml
5) T A~2-methylnaphthalene...	7.178	1290927	10.855 ug/ml
6) T n-Tetradecane (C14)	8.345	1202170	10.901 ug/ml
7) T n-Hexadecane (C16)	9.946	1233954	10.906 ug/ml
8) T n-Octadecane (C18)	11.388	1246935	11.018 ug/ml
10) T n-Eicosane (C20)	12.697	1173081	10.908 ug/ml
11) T n-Heneicosane (C21)	13.143	976829	10.714 ug/ml
13) T n-Docosane (C22)	13.897	1135158	10.833 ug/ml
14) T n-Tetracosane (C24)	15.001	1133376	10.807 ug/ml
15) T n-Hexacosane (C26)	16.022	1092872	10.652 ug/ml
16) T n-Octacosane (C28)	16.974	1058084	10.570 ug/ml
17) T n-Tricontane (C30)	17.861	1069974	10.602 ug/ml
18) T n-Dotriacontane (C32)	18.694	1005787	10.487 ug/ml
19) T n-Tetratriacontane (C34)	19.479	883903	10.233 ug/ml
20) T n-Hexatriacontane (C36)	20.218	730670	9.840 ug/ml
21) T n-Octatriacontane (C38)	20.990	574412	9.015 ug/ml
22) T n-Tetracontane (C40)	21.966	348193	7.065 ug/ml

(f)=RT Delta > 1/2 Window

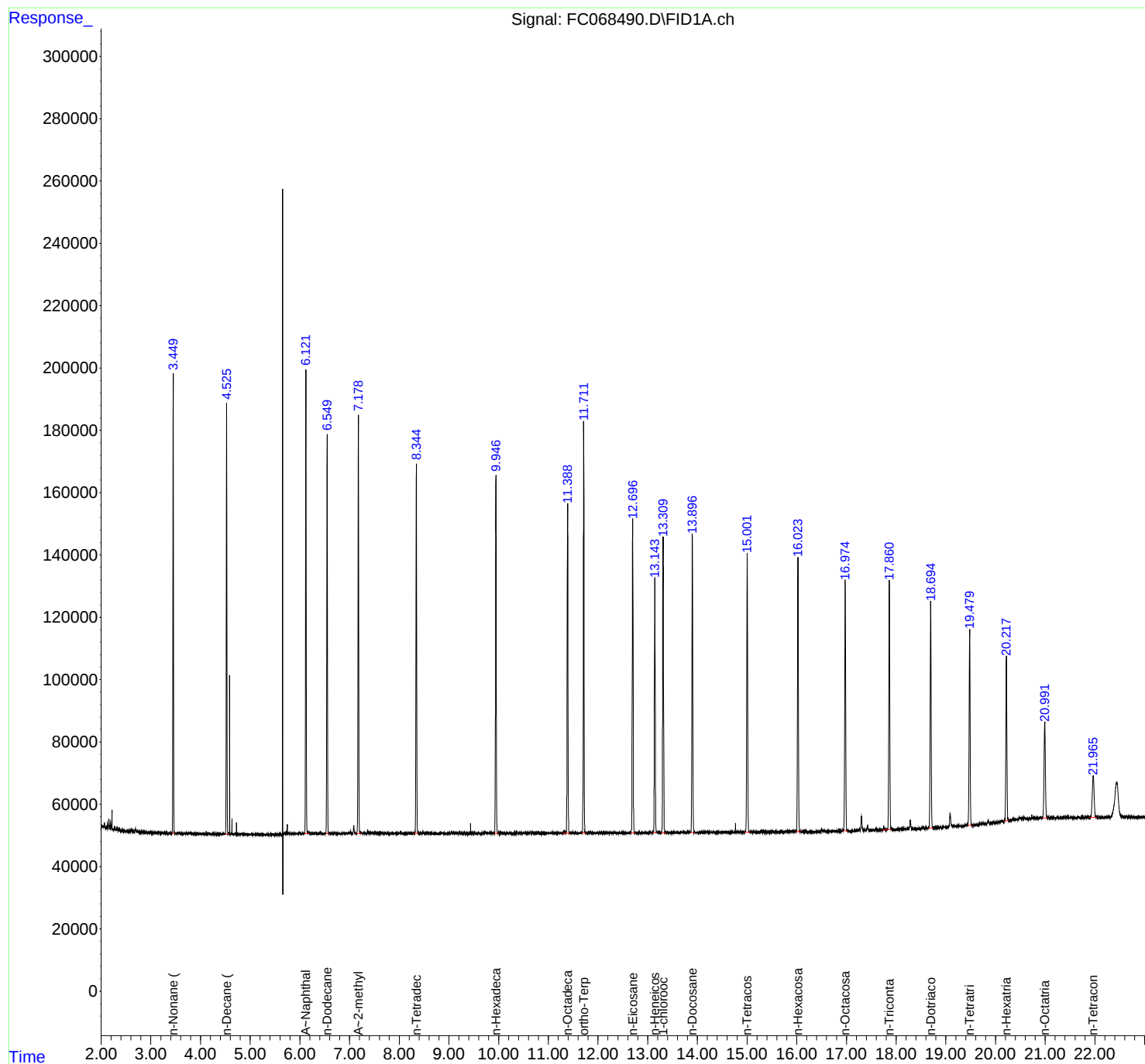
(m)=manual int.

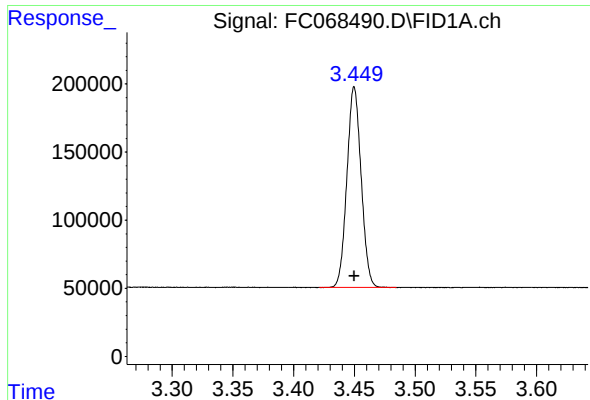
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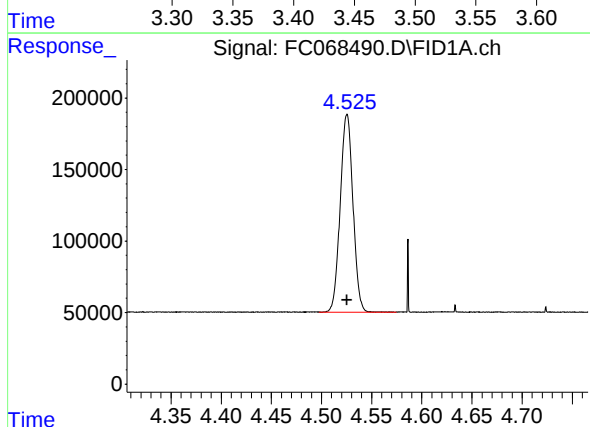




#1 n-Nonane (C9)

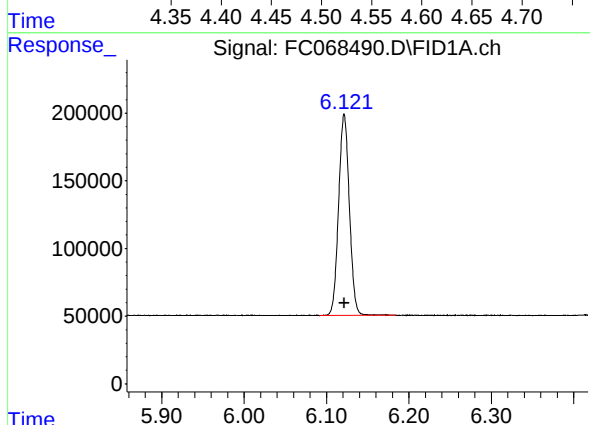
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 1201876
Conc: 10.87 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



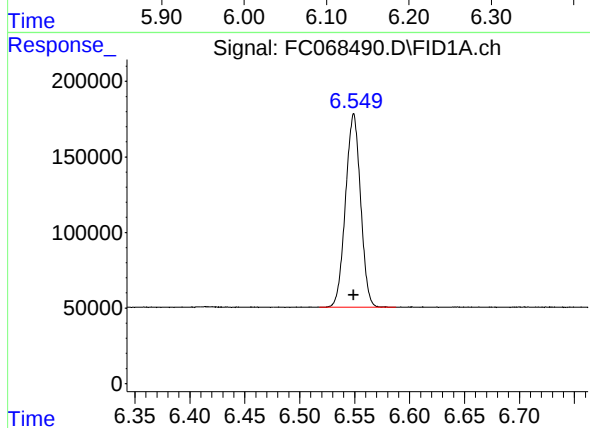
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 1219789
Conc: 10.86 ug/ml



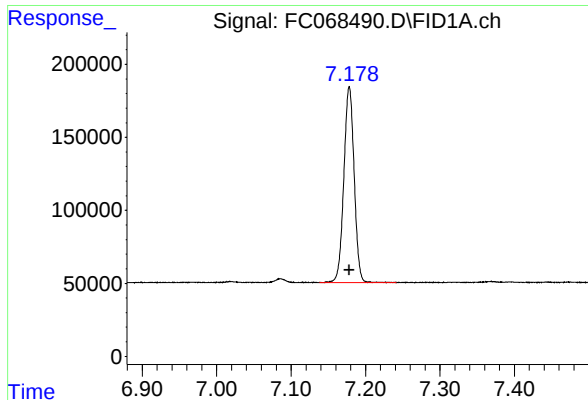
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1349544
Conc: 10.86 ug/ml



#4 n-Dodecane (C12)

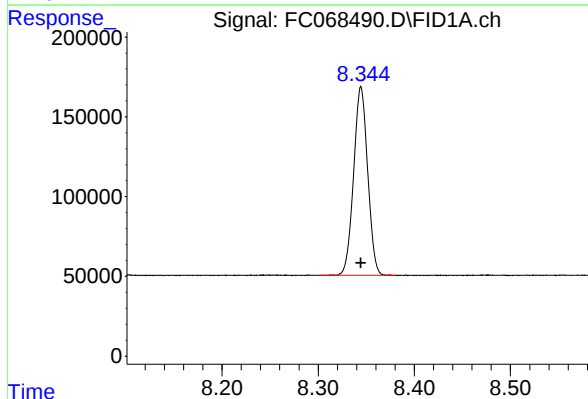
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 1219403
Conc: 10.88 ug/ml



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

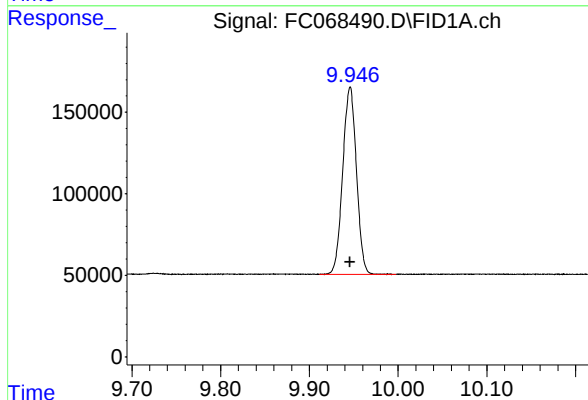
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 1290927
Conc: 10.86 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



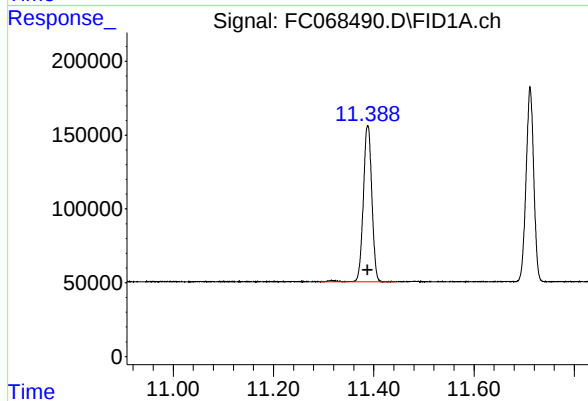
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 1202170
Conc: 10.90 ug/ml



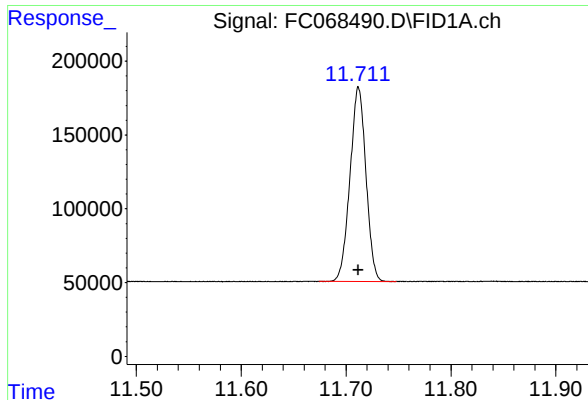
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.000 min
Response: 1233954
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

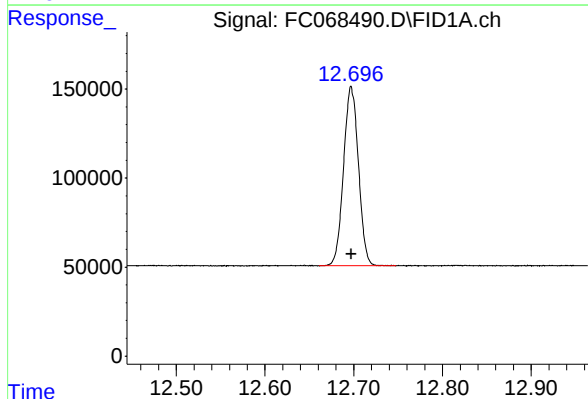
R.T.: 11.388 min
Delta R.T.: 0.000 min
Response: 1246935
Conc: 11.02 ug/ml



#9 ortho-Terphenyl (SURR)

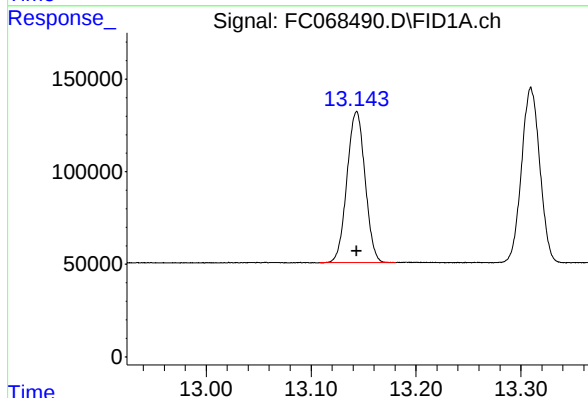
R.T.: 11.712 min
Delta R.T.: 0.000 min
Response: 1390233
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



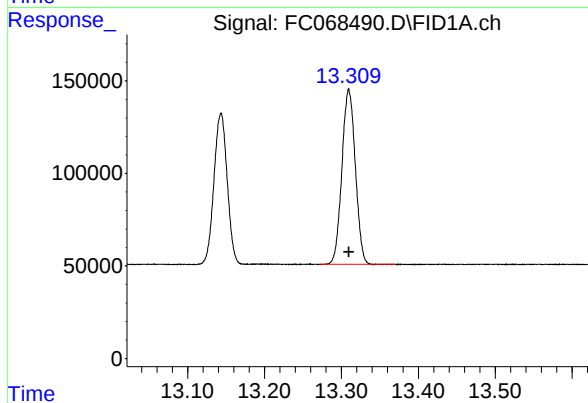
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 1173081
Conc: 10.91 ug/ml



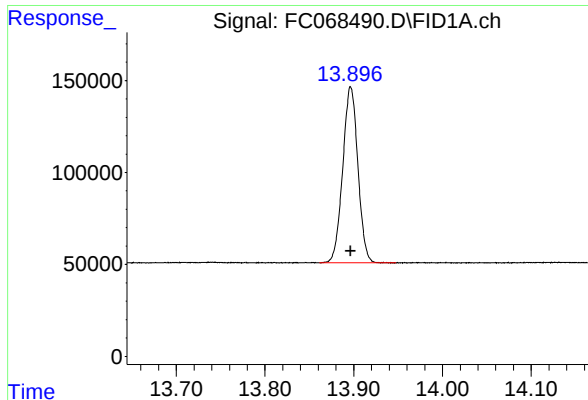
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 976829
Conc: 10.71 ug/ml



#12 1-chlorooctadecane (SURR)

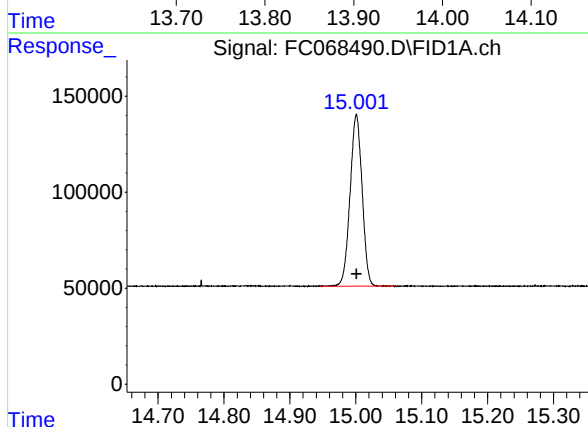
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 1145180
Conc: 10.86 ug/ml



#13 n-Docosane (C22)

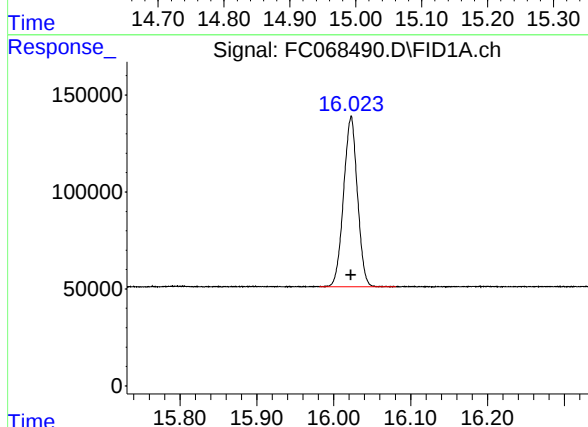
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 1135158
Conc: 10.83 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



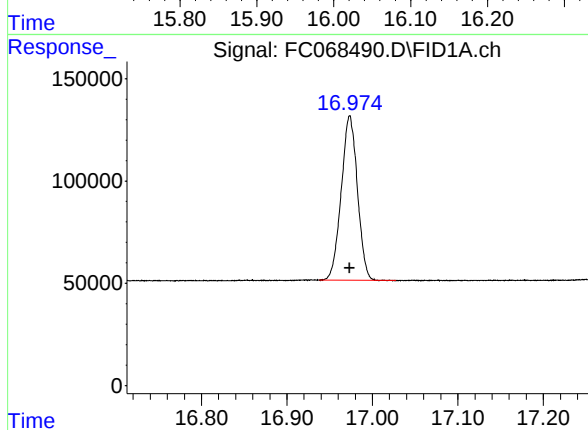
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: 0.000 min
Response: 1133376
Conc: 10.81 ug/ml



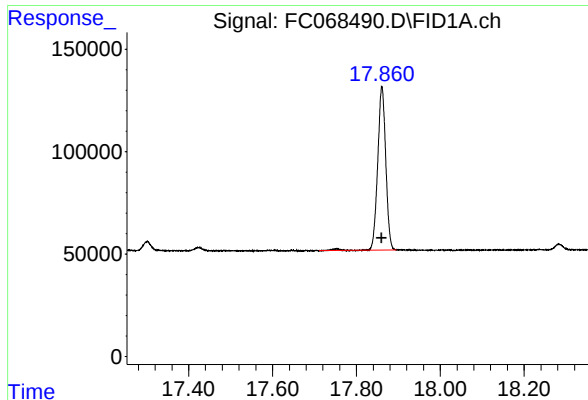
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 1092872
Conc: 10.65 ug/ml



#16 n-Octacosane (C28)

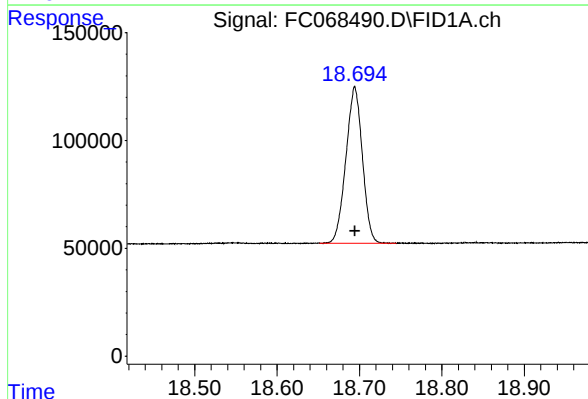
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 1058084
Conc: 10.57 ug/ml



#17 n-Tricontane (C30)

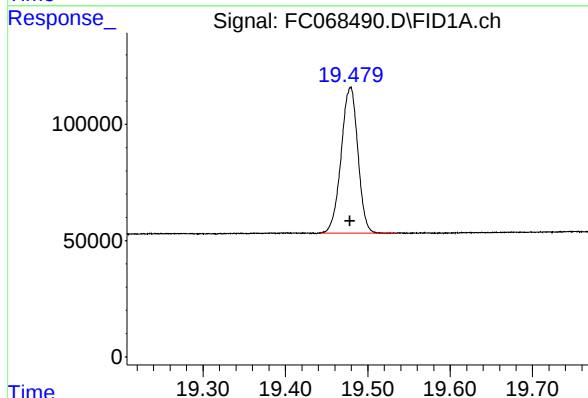
R.T.: 17.861 min
Delta R.T.: 0.000 min
Response: 1069974
Conc: 10.60 ug/ml

Instrument :
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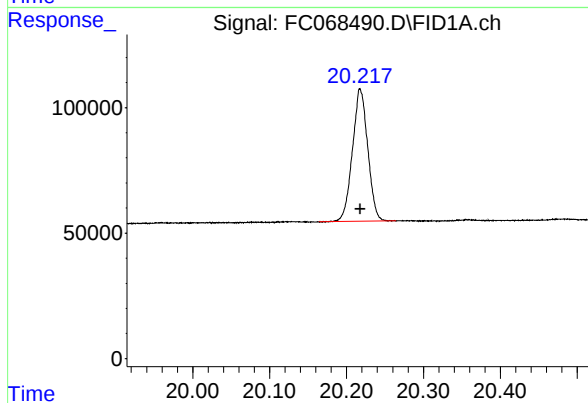
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: 0.000 min
Response: 1005787
Conc: 10.49 ug/ml



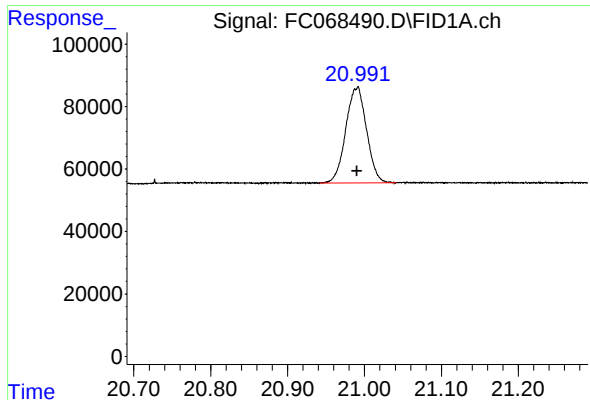
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: 0.000 min
Response: 883903
Conc: 10.23 ug/ml



#20 n-Hexatriacontane (C36)

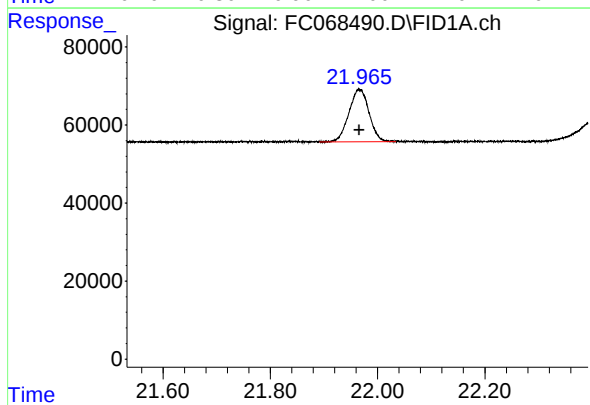
R.T.: 20.218 min
Delta R.T.: 0.000 min
Response: 730670
Conc: 9.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: 0.000 min
Response: 574412
Conc: 9.01 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 348193
Conc: 7.07 ug/ml