

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069607.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 19:35
 Operator : YP/AJ
 Sample : Q2779-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4-EPH

Integration File: autoint1.e
 Quant Time: Aug 08 02:28:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.672	5331391	35.737 ug/ml
Spiked Amount 50.000		Recovery =	71.47%
12) S 1-chlorooctadecane (S...	13.109	4606700	42.254 ug/ml
Spiked Amount 50.000		Recovery =	84.51%
Target Compounds			
2) T n-Decane (C10)	4.471	121142	0.833 ug/ml
3) T A~Naphthalene (C11.7)	6.068	457068	2.946 ug/ml
4) T n-Dodecane (C12)	6.496	202610	1.386 ug/ml
5) T A~2-methylnaphthalene...	7.127	231506	1.572 ug/ml
6) T n-Tetradecane (C14)	8.296	140175	0.982 ug/ml
7) T n-Hexadecane (C16)	9.903	349642	2.425 ug/ml
8) T n-Octadecane (C18)	11.344	112726	0.797 ug/ml
10) T n-Eicosane (C20)	12.657	643826	4.888 ug/ml
11) T n-Heneicosane (C21)	13.271	146558	1.149 ug/ml
13) T n-Docosane (C22)	13.867	343933	2.753 ug/ml
14) T n-Tetracosane (C24)	14.954	1581704	13.108 ug/ml
15) T n-Hexacosane (C26)	15.987	484496	4.193 ug/ml
16) T n-Octacosane (C28)	16.957	965661	8.615 ug/ml
17) T n-Tricontane (C30)	17.831	428901	3.746 ug/ml
18) T n-Dotriacontane (C32)	18.703	68500	0.617 ug/ml
19) T n-Tetratriacontane (C34)	19.449	235893	2.317 ug/ml
20) T n-Hexatriacontane (C36)	20.225	39497	0.443 ug/ml
21) T n-Octatriacontane (C38)	20.953	95404	1.186 ug/ml
22) T n-Tetracontane (C40)	21.916	163406	2.182 ug/ml

(f)=RT Delta > 1/2 Window

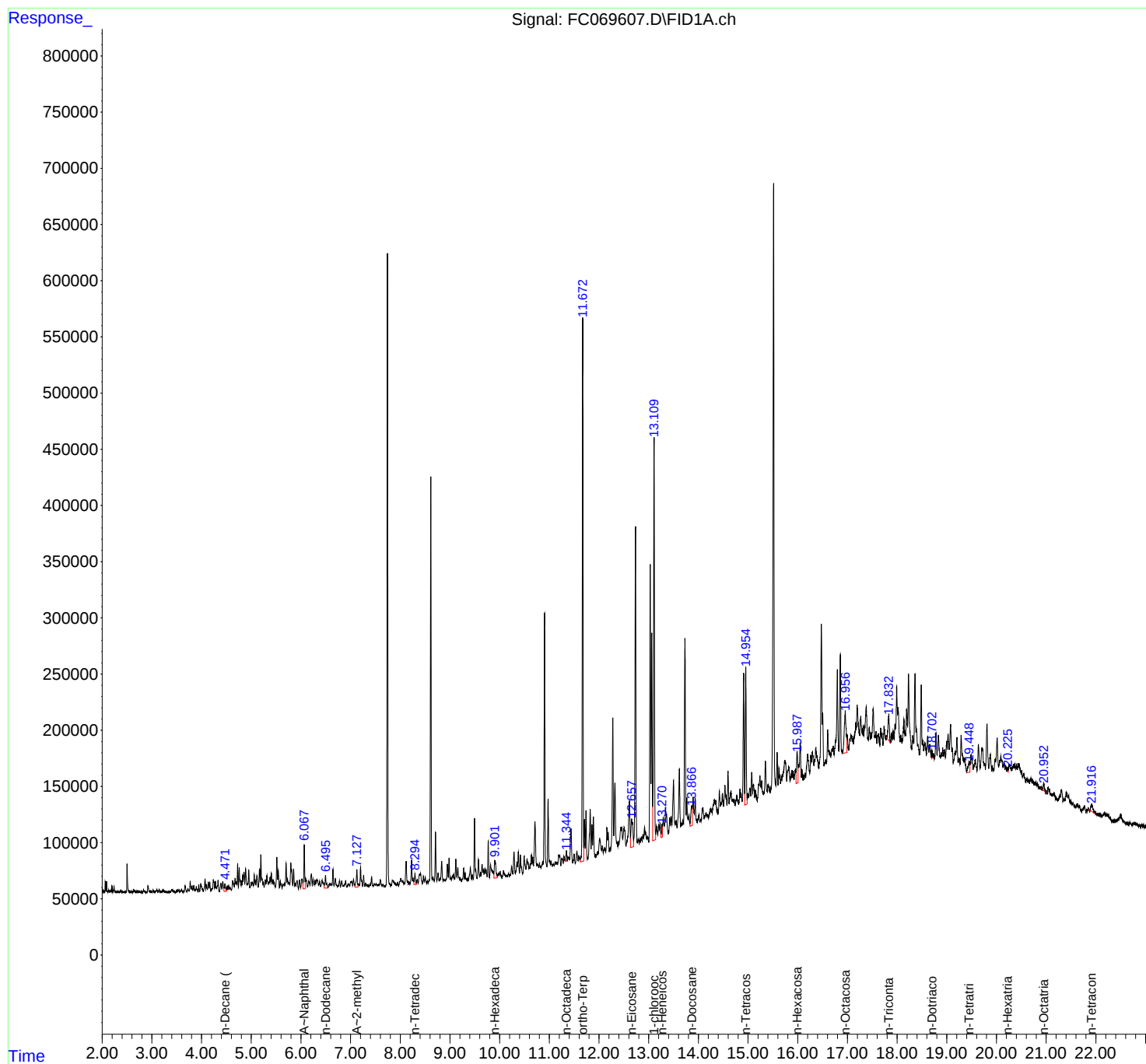
(m)=manual int.

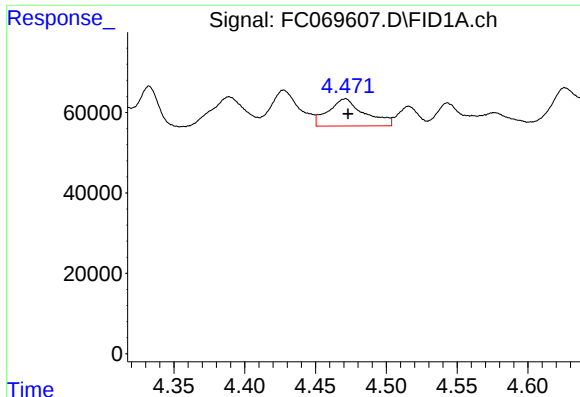
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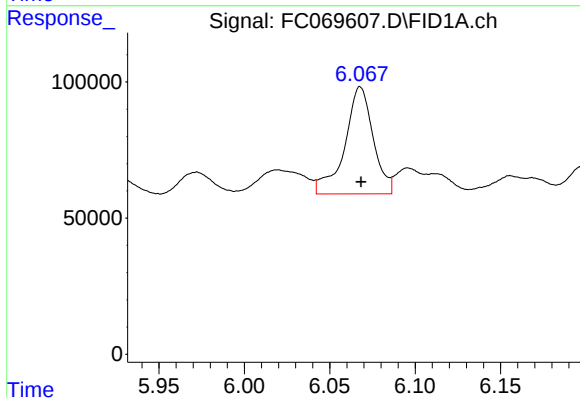




#2 n-Decane (C10)

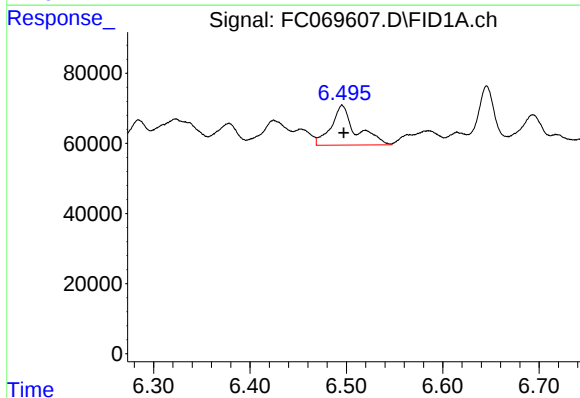
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 121142
Conc: 0.83 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4-EPH



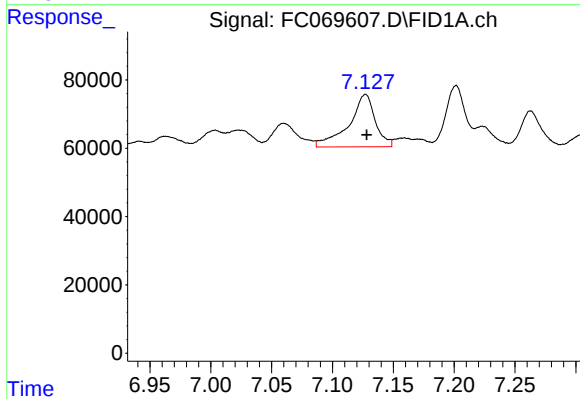
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 457068
Conc: 2.95 ug/ml



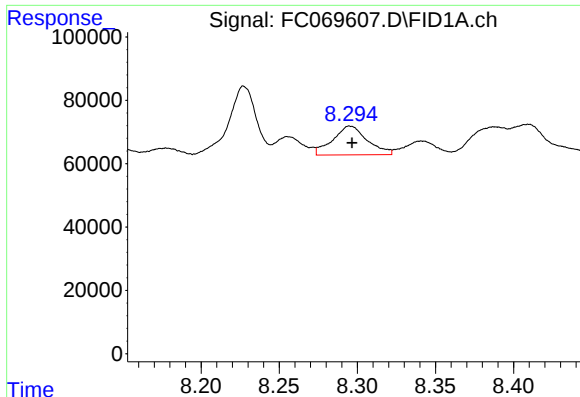
#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.001 min
Response: 202610
Conc: 1.39 ug/ml



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

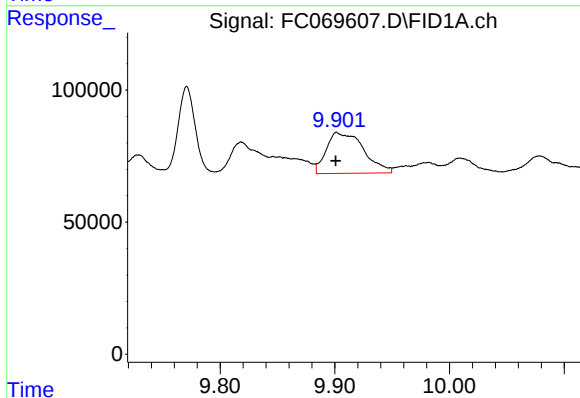
R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 231506
Conc: 1.57 ug/ml



#6 n-Tetradecane (C14)

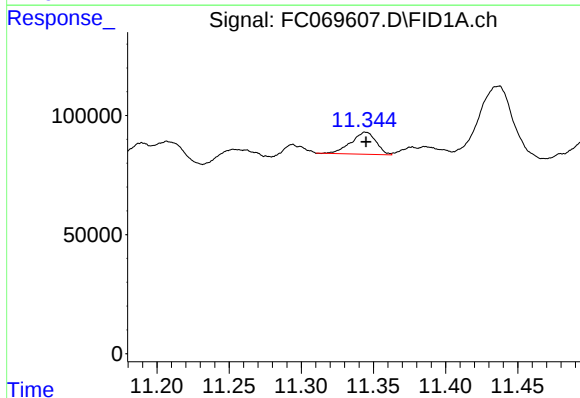
R.T.: 8.296 min
Delta R.T.: -0.001 min
Response: 140175
Conc: 0.98 ug/ml

Instrument :
FID_C
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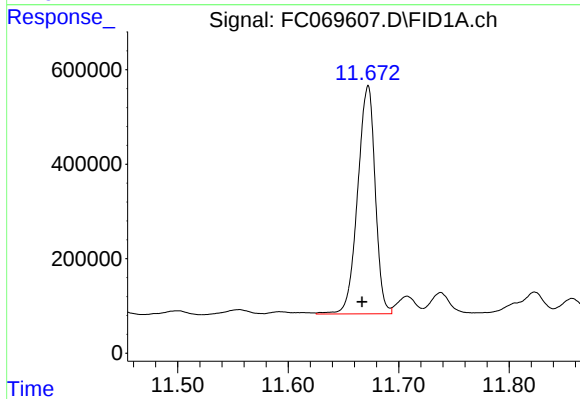
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: 0.002 min
Response: 349642
Conc: 2.43 ug/ml



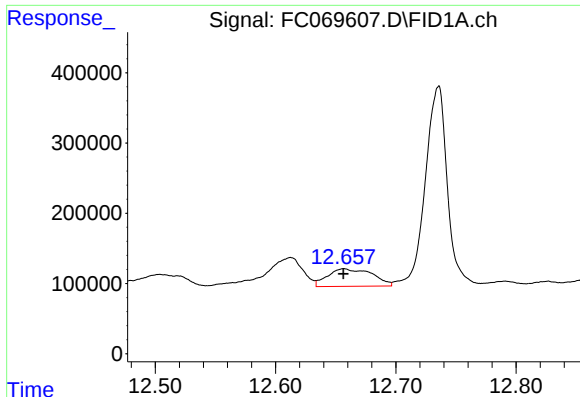
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 112726
Conc: 0.80 ug/ml



#9 ortho-Terphenyl (SURR)

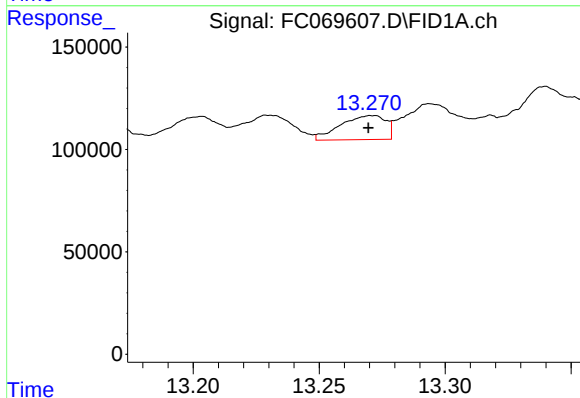
R.T.: 11.672 min
Delta R.T.: 0.005 min
Response: 5331391
Conc: 35.74 ug/ml



#10 n-Eicosane (C20)

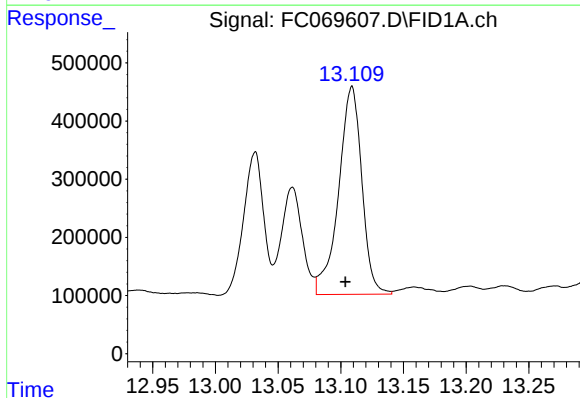
R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 643826
Conc: 4.89 ug/ml

Instrument :
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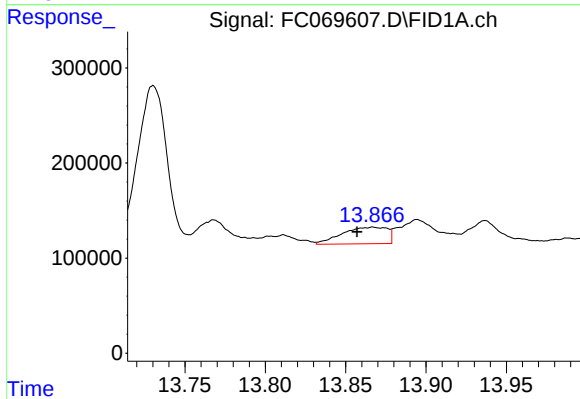
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.000 min
Response: 146558
Conc: 1.15 ug/ml



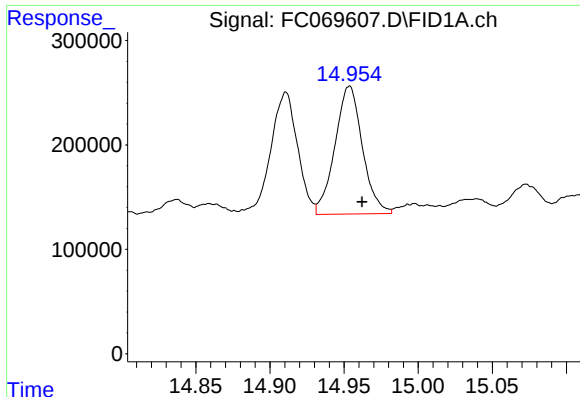
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: 0.005 min
Response: 4606700
Conc: 42.25 ug/ml



#13 n-Docosane (C22)

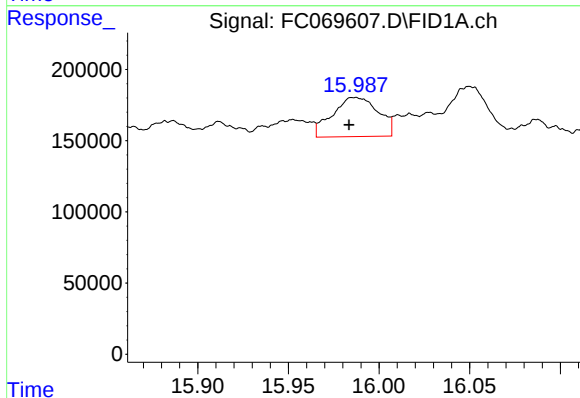
R.T.: 13.867 min
Delta R.T.: 0.010 min
Response: 343933
Conc: 2.75 ug/ml



#14 n-Tetracosane (C24)

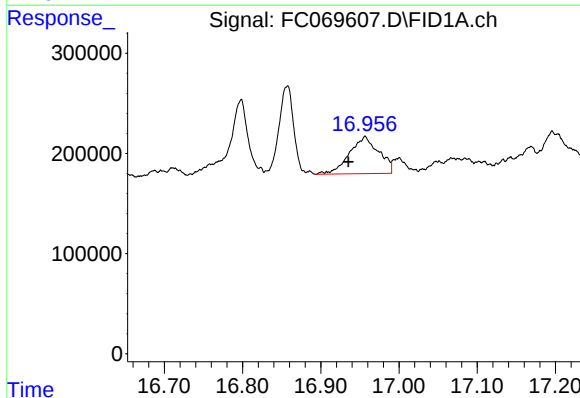
R.T.: 14.954 min
Delta R.T.: -0.009 min
Response: 1581704
Conc: 13.11 ug/ml

Instrument :
FID_C
ClientSampleId :
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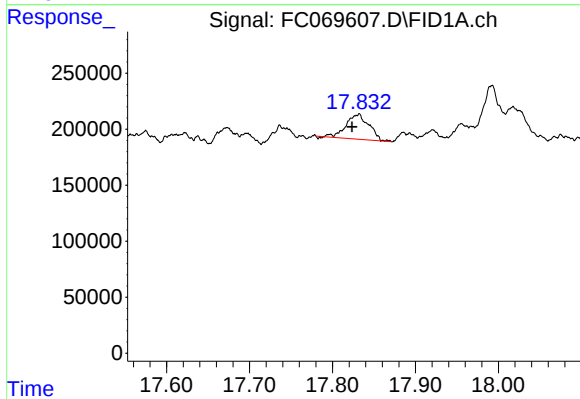
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.004 min
Response: 484496
Conc: 4.19 ug/ml



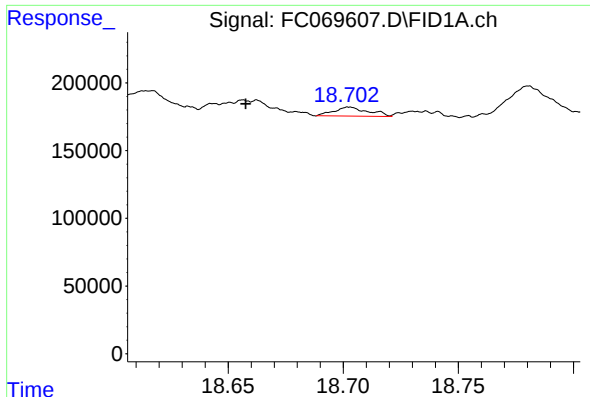
#16 n-Octacosane (C28)

R.T.: 16.957 min
Delta R.T.: 0.021 min
Response: 965661
Conc: 8.62 ug/ml



#17 n-Tricontane (C30)

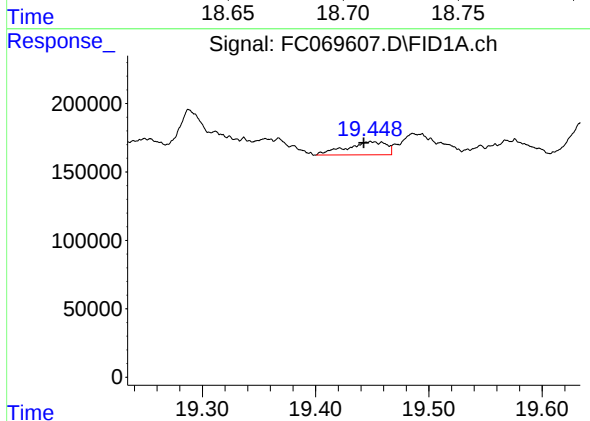
R.T.: 17.831 min
Delta R.T.: 0.007 min
Response: 428901
Conc: 3.75 ug/ml



#18 n-Dotriacontane (C32)

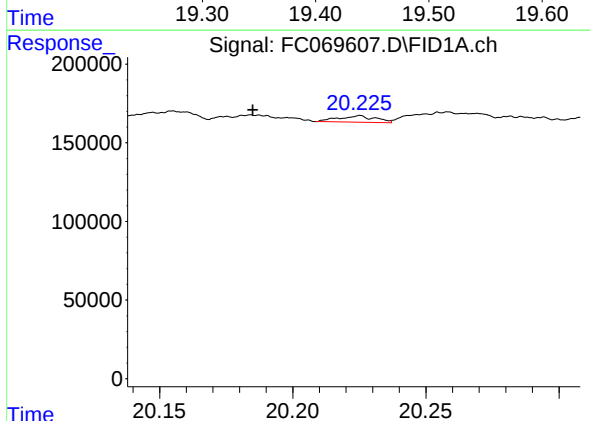
R.T.: 18.703 min
Delta R.T.: 0.045 min
Response: 68500
Conc: 0.62 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4-EPH



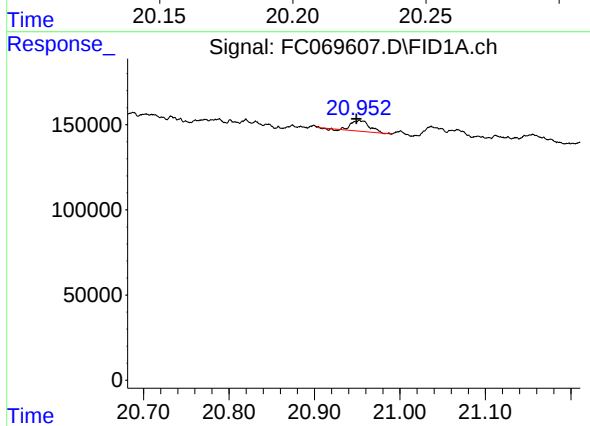
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.006 min
Response: 235893
Conc: 2.32 ug/ml



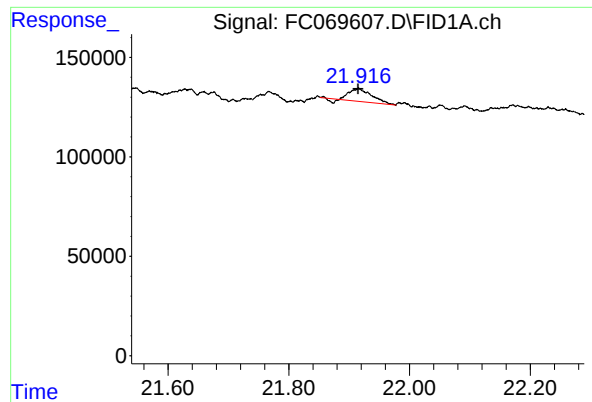
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.040 min
Response: 39497
Conc: 0.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.004 min
Response: 95404
Conc: 1.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: 0.000 min
Response: 163406
Conc: 2.18 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4-EPH