

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061925AL\
 Data File : FC069234.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2025 15:26
 Operator : YP/AJ
 Sample : PB168552BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168552BSD

Integration File: autoint1.e
 Quant Time: Jun 20 01:09:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.683	6616622	38.300 ug/ml
Spiked Amount 50.000		Recovery =	76.60%
12) S 1-chlorooctadecane (S...	13.118	5179532	39.647 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
Target Compounds			
1) T n-Nonane (C9)	3.421	5280366	37.128 ug/ml
2) T n-Decane (C10)	4.490	5763460	39.369 ug/ml
3) T A~Naphthalene (C11.7)	6.080	7199129	44.744 ug/ml
4) T n-Dodecane (C12)	6.510	6297728	41.590 ug/ml
5) T A~2-methylnaphthalene...	7.140	6887184	43.521 ug/ml
6) T n-Tetradecane (C14)	8.312	6535679	42.164 ug/ml
7) T n-Hexadecane (C16)	9.915	6668231	40.805 ug/ml
8) T n-Octadecane (C18)	11.361	6483840	39.712 ug/ml
10) T n-Eicosane (C20)	12.673	6420664	42.064 ug/ml
11) T n-Heneicosane (C21)	13.286	6037482	40.962 ug/ml
13) T n-Docosane (C22)	13.874	5871879	40.810 ug/ml
14) T n-Tetracosane (C24)	14.972	11686771	84.729 ug/ml
15) T n-Hexacosane (C26)	16.003	5360215	41.004 ug/ml
16) T n-Octacosane (C28)	16.953	5129247	41.590 ug/ml
17) T n-Tricontane (C30)	17.844	4946666	41.609 ug/ml
18) T n-Dotriacontane (C32)	18.678	4715769	43.130 ug/ml
19) T n-Tetratriacontane (C34)	19.462	4685028	48.516 ug/ml
20) T n-Hexatriacontane (C36)	20.204	4269222	51.803 ug/ml
21) T n-Octatriacontane (C38)	20.975	4104900	54.929 ug/ml
22) T n-Tetracontane (C40)	21.946	3861261	54.525 ug/ml

(f)=RT Delta > 1/2 Window

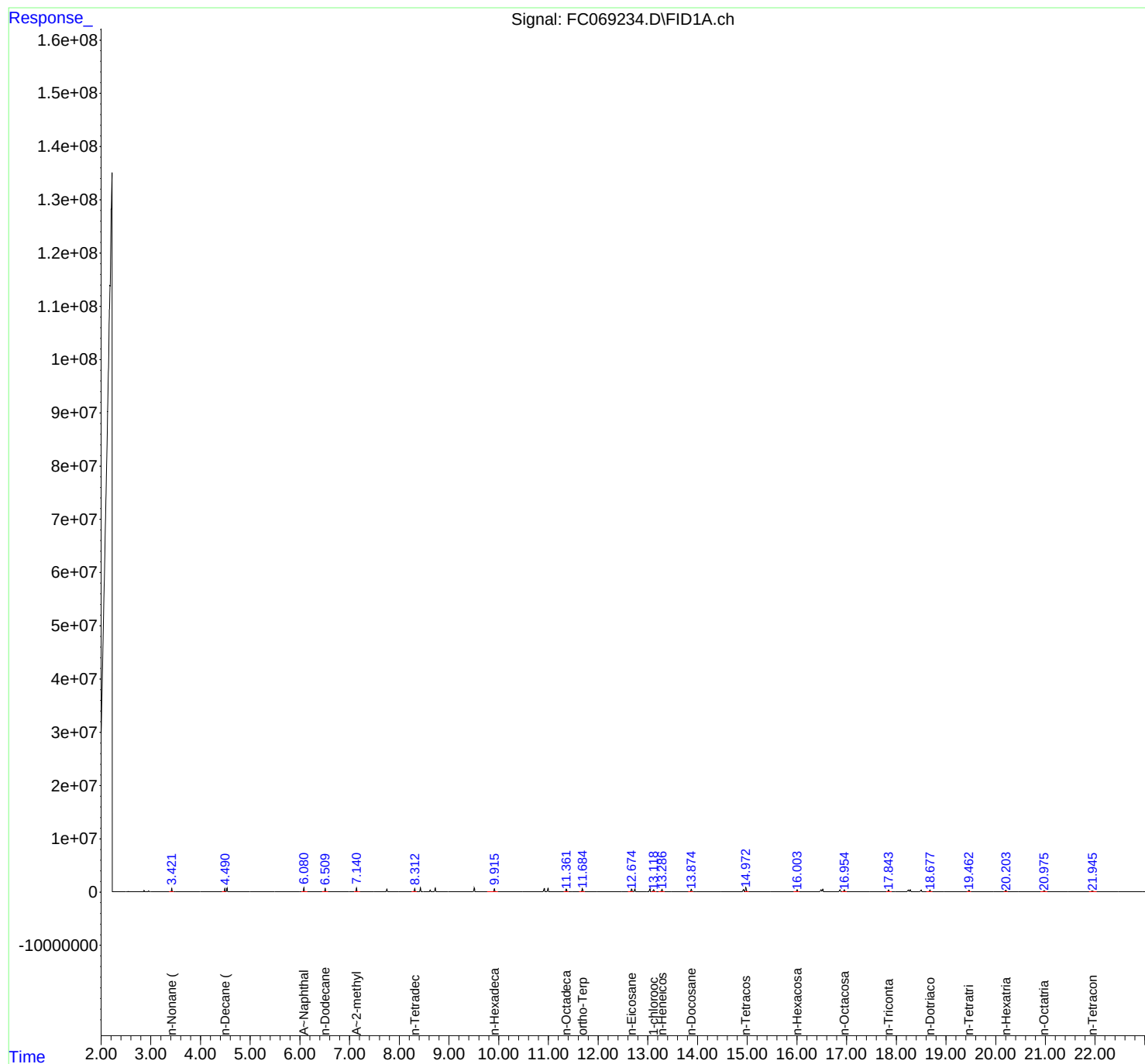
(m)=manual int.

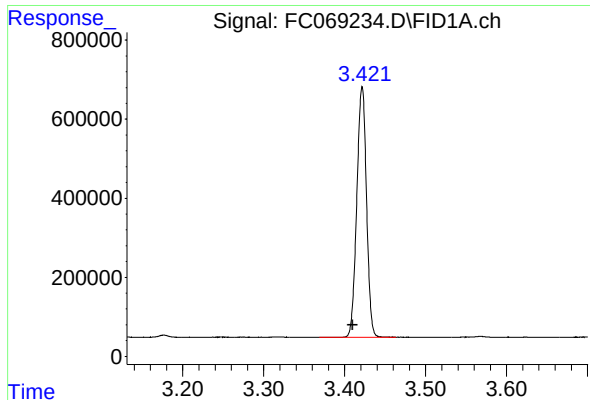
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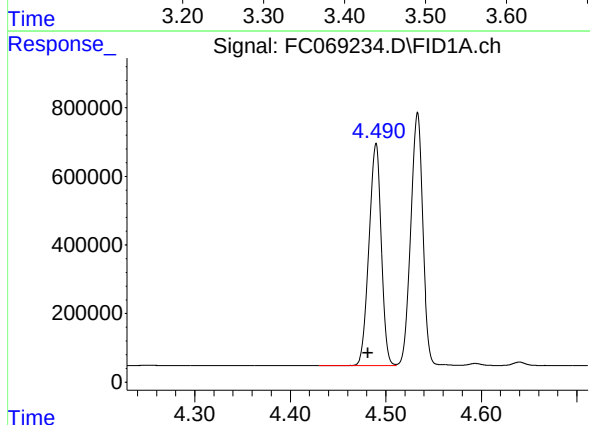




#1 n-Nonane (C9)

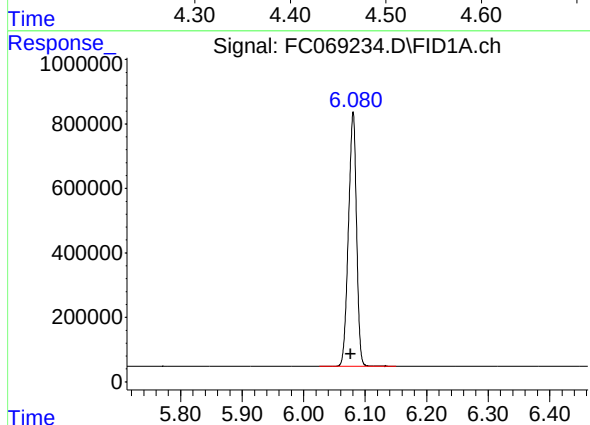
R.T.: 3.421 min
Delta R.T.: 0.011 min
Response: 5280366
Conc: 37.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



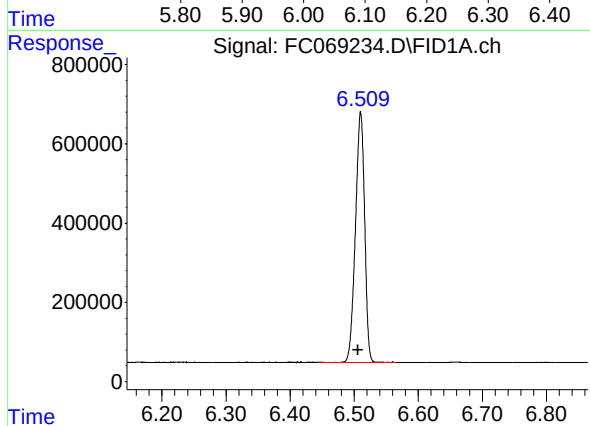
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.008 min
Response: 5763460
Conc: 39.37 ug/ml



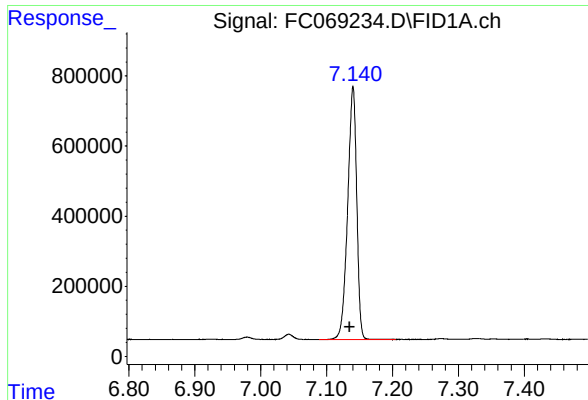
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 7199129
Conc: 44.74 ug/ml



#4 n-Dodecane (C12)

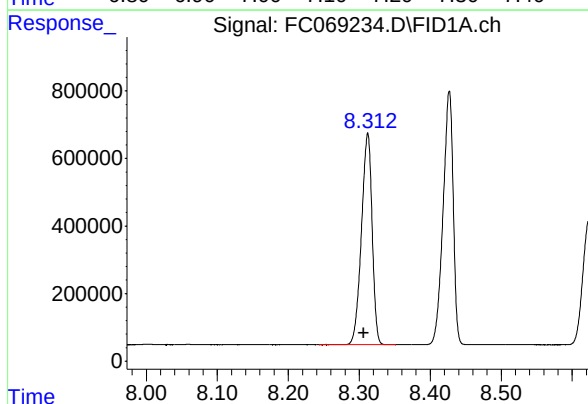
R.T.: 6.510 min
Delta R.T.: 0.004 min
Response: 6297728
Conc: 41.59 ug/ml



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

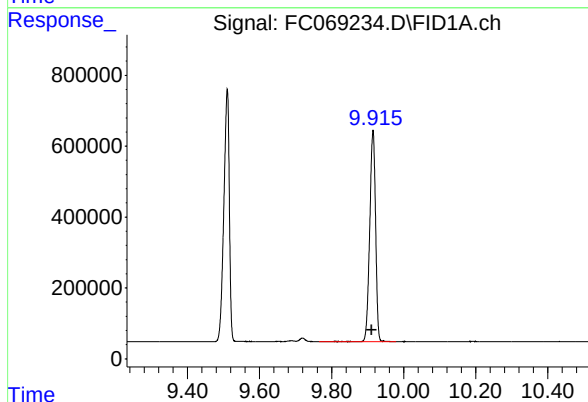
R.T.: 7.140 min
Delta R.T.: 0.005 min
Response: 6887184
Conc: 43.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



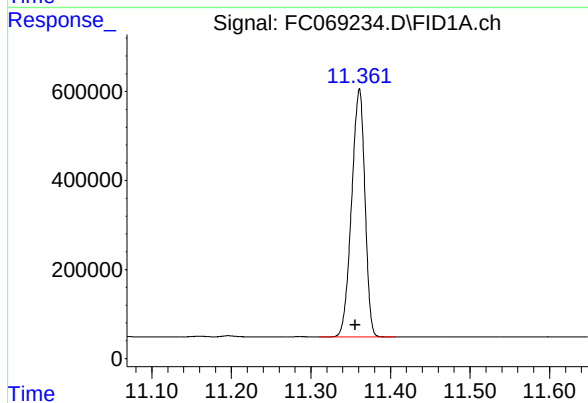
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.006 min
Response: 6535679
Conc: 42.16 ug/ml



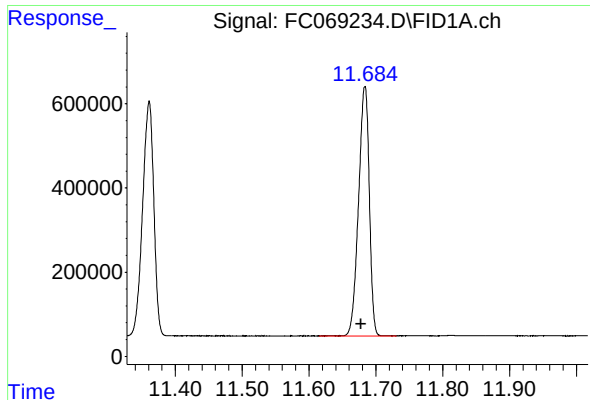
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.004 min
Response: 6668231
Conc: 40.81 ug/ml



#8 n-Octadecane (C18)

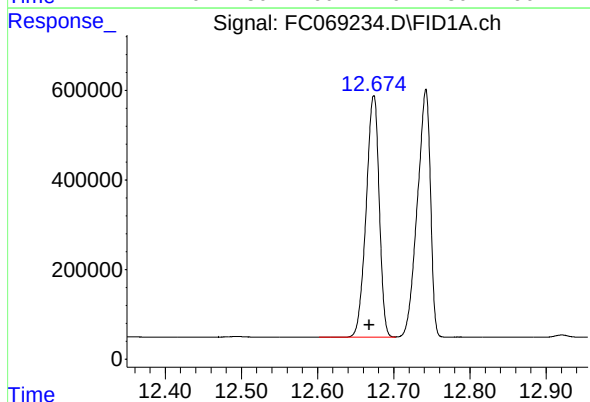
R.T.: 11.361 min
Delta R.T.: 0.005 min
Response: 6483840
Conc: 39.71 ug/ml



#9 ortho-Terphenyl (SURR)

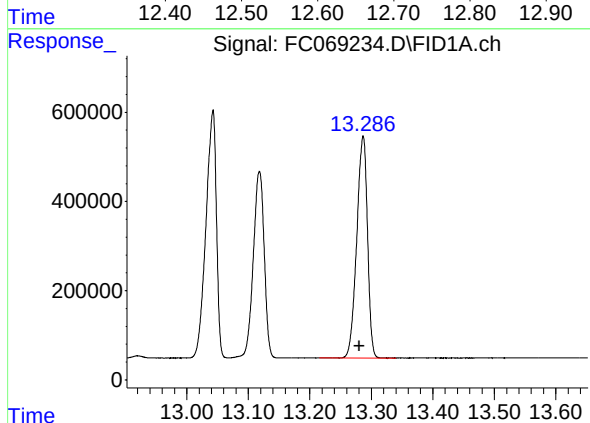
R.T.: 11.683 min
Delta R.T.: 0.006 min
Response: 6616622
Conc: 38.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



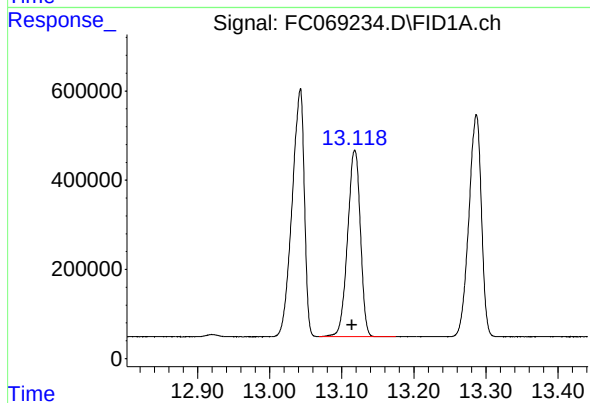
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.006 min
Response: 6420664
Conc: 42.06 ug/ml



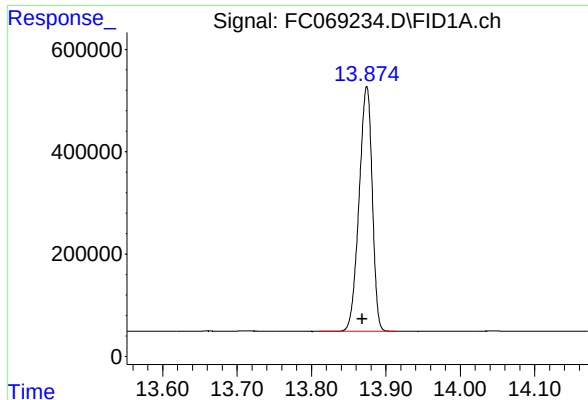
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: 0.006 min
Response: 6037482
Conc: 40.96 ug/ml



#12 1-chlorooctadecane (SURR)

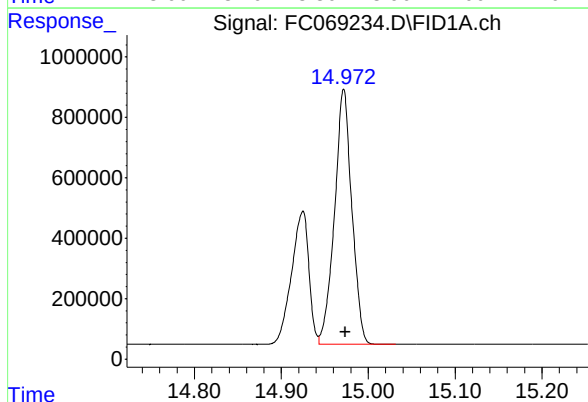
R.T.: 13.118 min
Delta R.T.: 0.004 min
Response: 5179532
Conc: 39.65 ug/ml



#13 n-Docosane (C22)

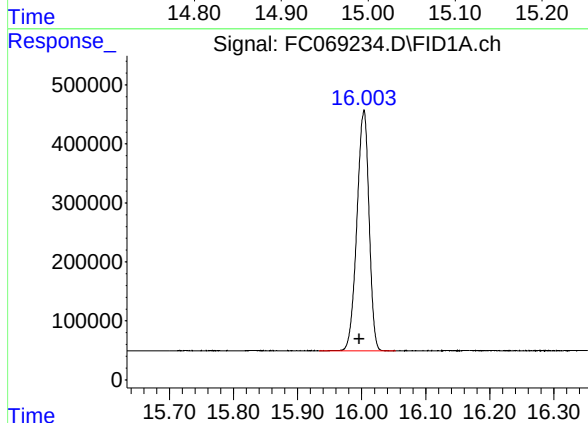
R.T.: 13.874 min
Delta R.T.: 0.006 min
Response: 5871879
Conc: 40.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



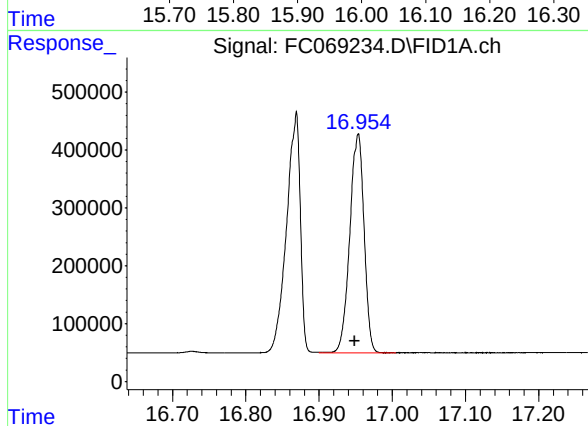
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.002 min
Response: 11686771
Conc: 84.73 ug/ml



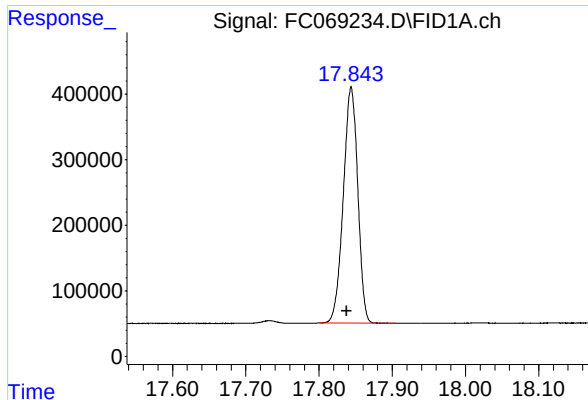
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: 0.007 min
Response: 5360215
Conc: 41.00 ug/ml



#16 n-Octacosane (C28)

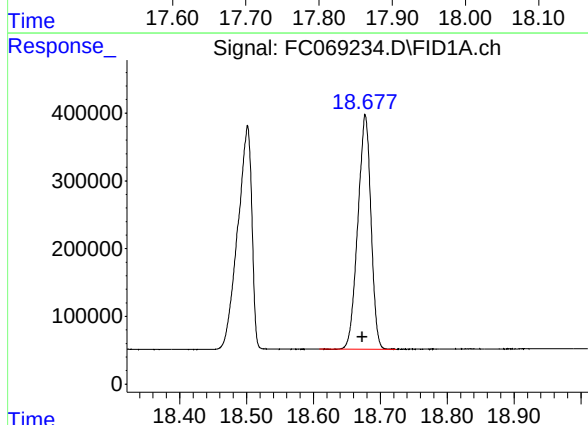
R.T.: 16.953 min
Delta R.T.: 0.004 min
Response: 5129247
Conc: 41.59 ug/ml



#17 n-Tricontane (C30)

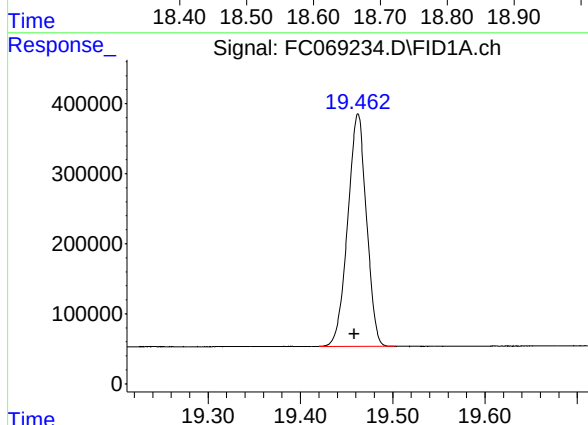
R.T.: 17.844 min
Delta R.T.: 0.006 min
Response: 4946666
Conc: 41.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



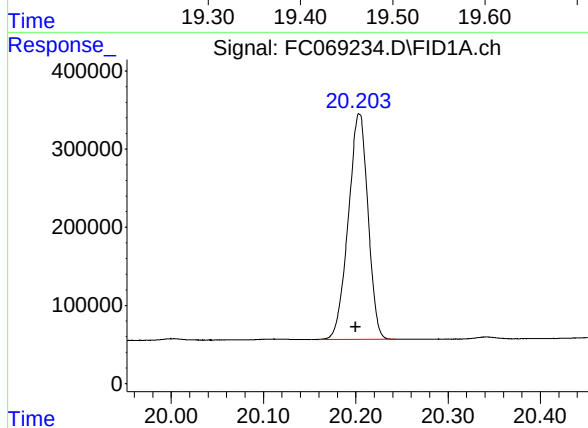
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.005 min
Response: 4715769
Conc: 43.13 ug/ml



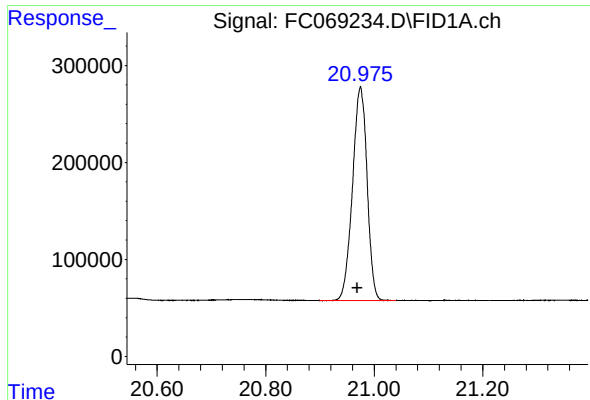
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: 0.004 min
Response: 4685028
Conc: 48.52 ug/ml



#20 n-Hexatriacontane (C36)

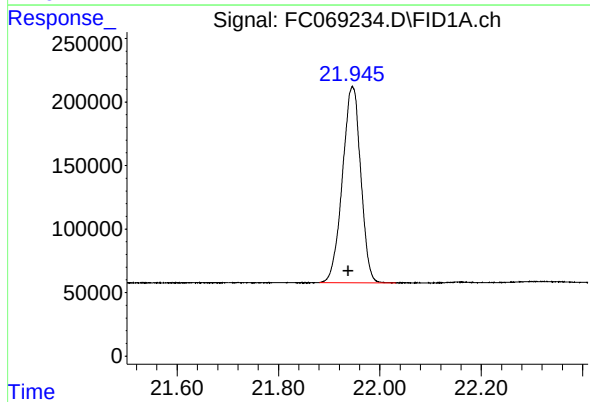
R.T.: 20.204 min
Delta R.T.: 0.004 min
Response: 4269222
Conc: 51.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: 0.006 min
Response: 4104900
Conc: 54.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168552BSD



#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: 0.009 min
Response: 3861261
Conc: 54.53 ug/ml