

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051625AL\
 Data File : FC068904.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:09
 Operator : YP/AJ
 Sample : PB168035BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168035BSD

Integration File: autoint1.e
 Quant Time: May 19 06:10:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.710	4488467	39.325 ug/ml
Spiked Amount 50.000		Recovery =	78.65%
12) S 1-chlorooctadecane (S...	13.143	3478459	43.358 ug/ml
Spiked Amount 50.000		Recovery =	86.72%
Target Compounds			
1) T n-Nonane (C9)	3.450	4462746	44.370 ug/ml
2) T n-Decane (C10)	4.521	4628684	46.453 ug/ml
3) T A~Naphthalene (C11.7)	6.115	5297935	48.049 ug/ml
4) T n-Dodecane (C12)	6.543	4623592	47.579 ug/ml
5) T A~2-methylnaphthalene...	7.174	4789906	44.627 ug/ml
6) T n-Tetradecane (C14)	8.341	4601413	49.786 ug/ml
7) T n-Hexadecane (C16)	9.943	4513785	50.409 ug/ml
8) T n-Octadecane (C18)	11.387	4448941	50.719 ug/ml
10) T n-Eicosane (C20)	12.698	4507890	52.898 ug/ml
11) T n-Heneicosane (C21)	13.310	4303262	51.020 ug/ml
13) T n-Docosane (C22)	13.897	4264700	50.978 ug/ml
14) T n-Tetracosane (C24)	14.994	8796616	105.720 ug/ml
15) T n-Hexacosane (C26)	16.024	4143750	50.013 ug/ml
16) T n-Octacosane (C28)	16.973	4186076	50.651 ug/ml
17) T n-Tricontane (C30)	17.863	4173624	49.326 ug/ml
18) T n-Dotriacontane (C32)	18.696	4158706	48.281 ug/ml
19) T n-Tetratriacontane (C34)	19.481	4209200	49.404 ug/ml
20) T n-Hexatriacontane (C36)	20.221	4050923	47.132 ug/ml
21) T n-Octatriacontane (C38)	20.996	4024176	47.973 ug/ml
22) T n-Tetracontane (C40)	21.971	3991835	48.707 ug/ml

(f)=RT Delta > 1/2 Window

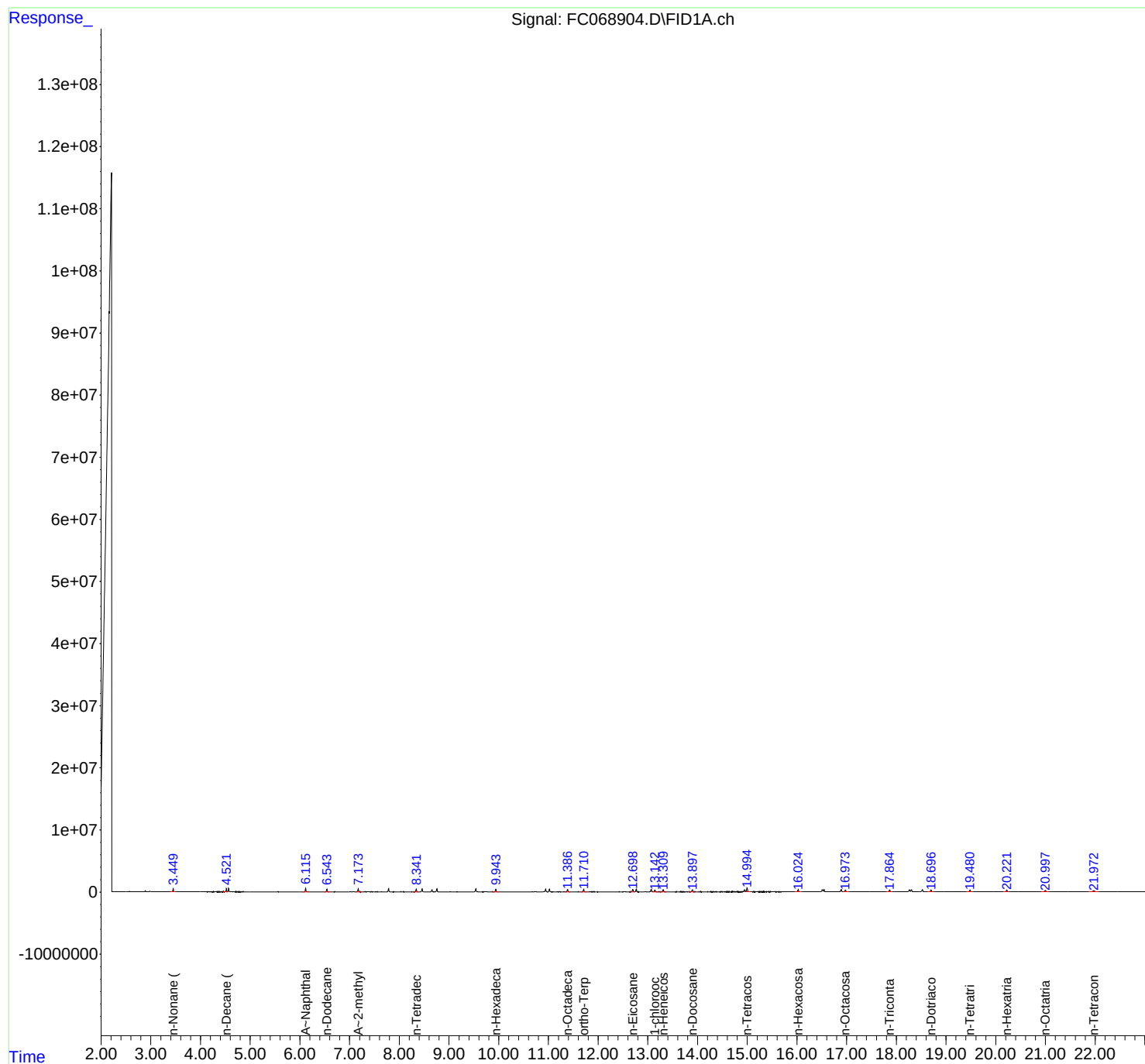
(m)=manual int.

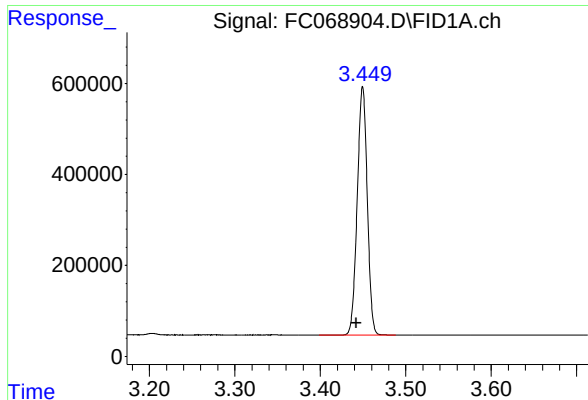
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051625AL\
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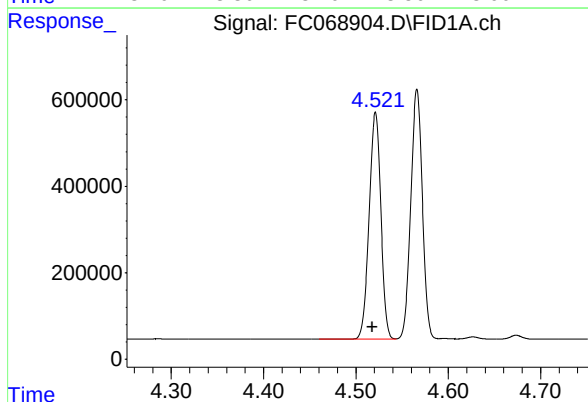




#1 n-Nonane (C9)

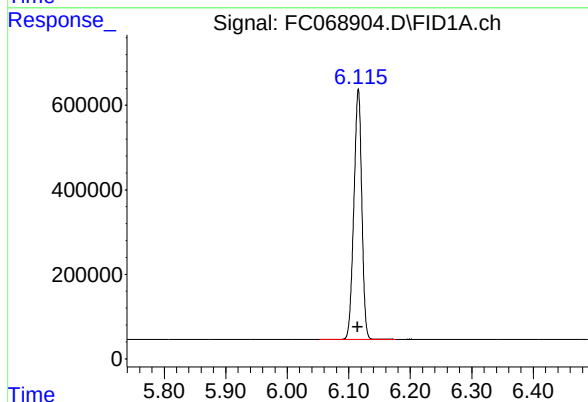
R.T.: 3.450 min
Delta R.T.: 0.008 min
Response: 4462746
Conc: 44.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



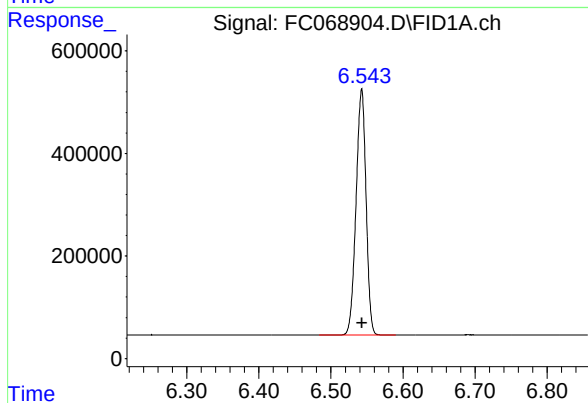
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 4628684
Conc: 46.45 ug/ml



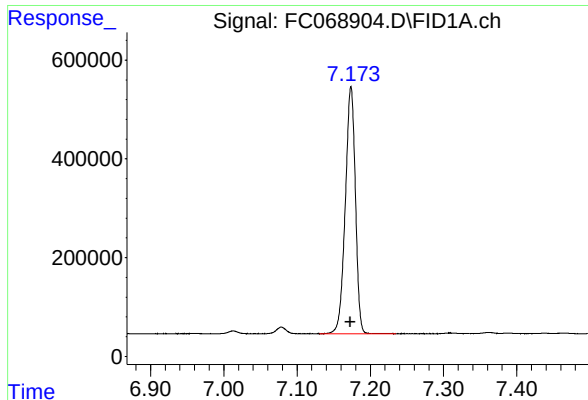
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 5297935
Conc: 48.05 ug/ml



#4 n-Dodecane (C12)

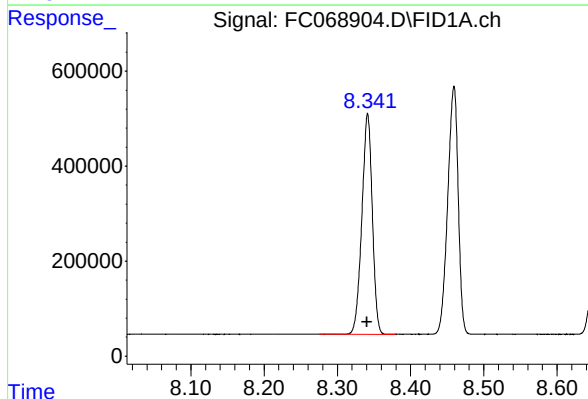
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 4623592
Conc: 47.58 ug/ml



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

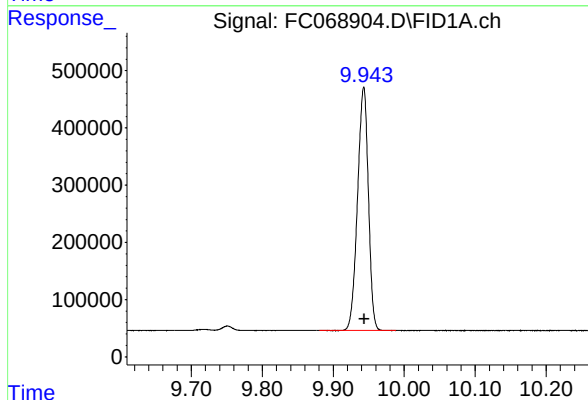
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 4789906
Conc: 44.63 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



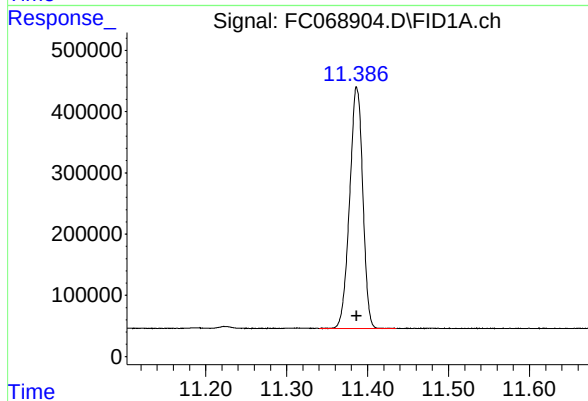
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4601413
Conc: 49.79 ug/ml



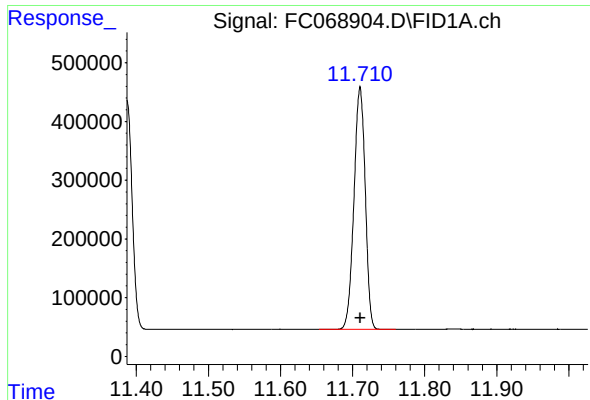
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 4513785
Conc: 50.41 ug/ml



#8 n-Octadecane (C18)

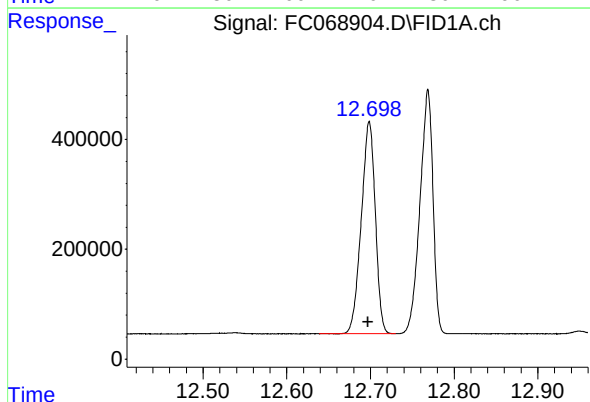
R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 4448941
Conc: 50.72 ug/ml



#9 ortho-Terphenyl (SURR)

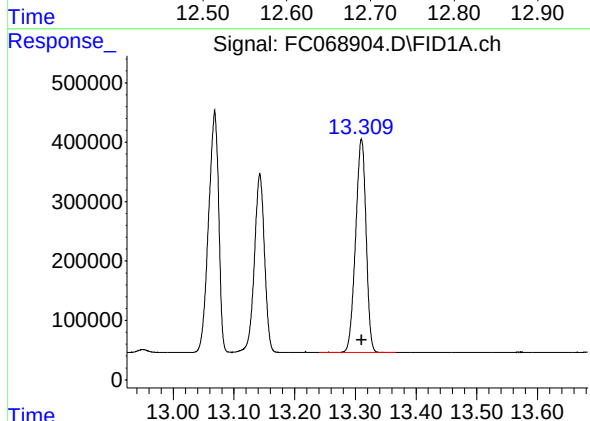
R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 4488467
Conc: 39.32 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



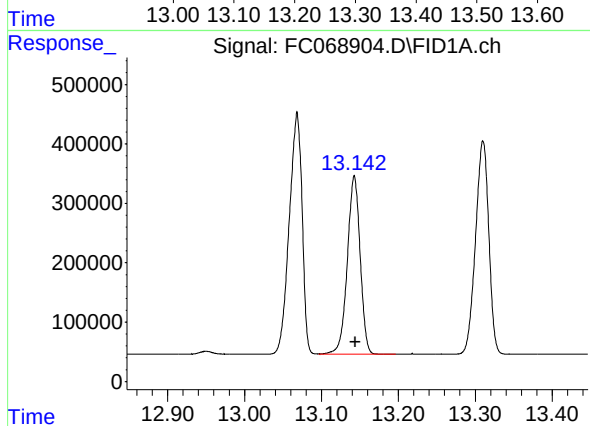
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.001 min
Response: 4507890
Conc: 52.90 ug/ml



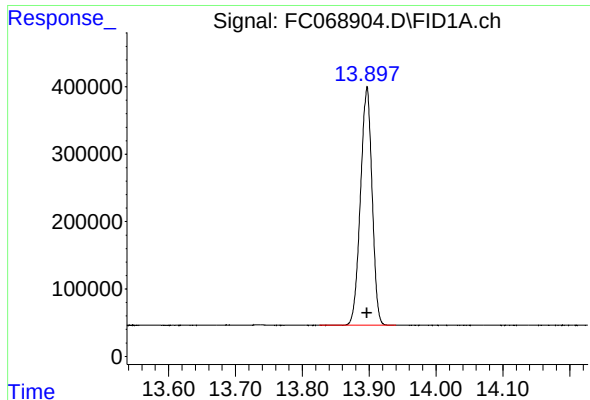
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4303262
Conc: 51.02 ug/ml



#12 1-chlorooctadecane (SURR)

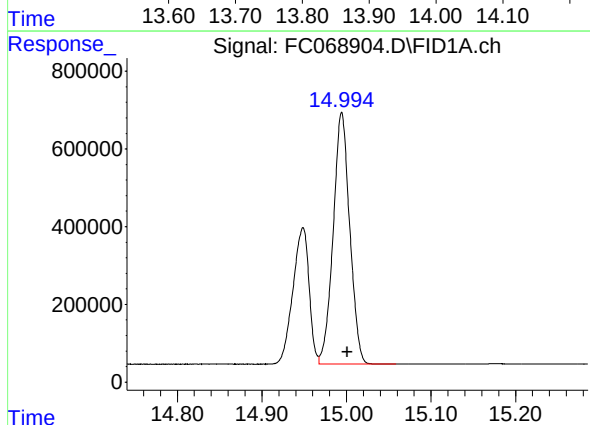
R.T.: 13.143 min
Delta R.T.: -0.001 min
Response: 3478459
Conc: 43.36 ug/ml



#13 n-Docosane (C22)

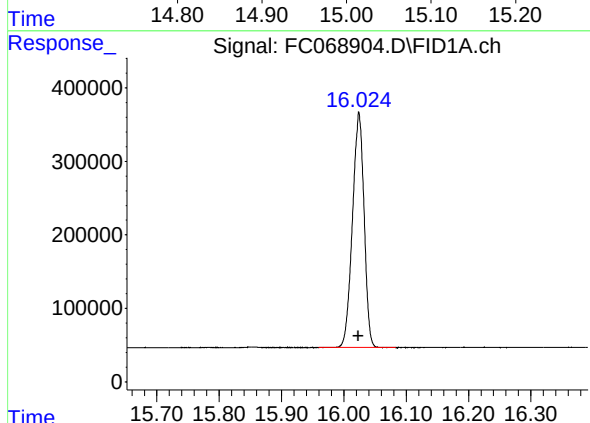
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 4264700
Conc: 50.98 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



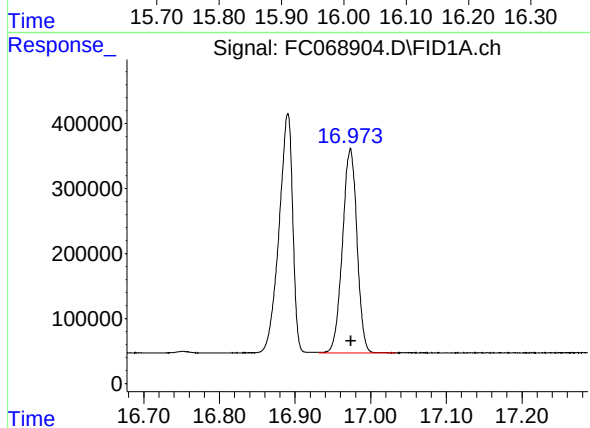
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.006 min
Response: 8796616
Conc: 105.72 ug/ml



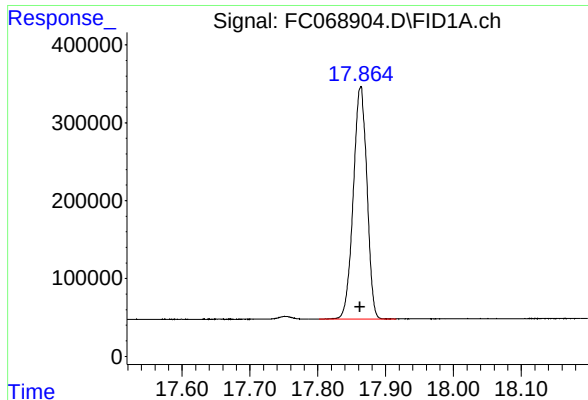
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 4143750
Conc: 50.01 ug/ml



#16 n-Octacosane (C28)

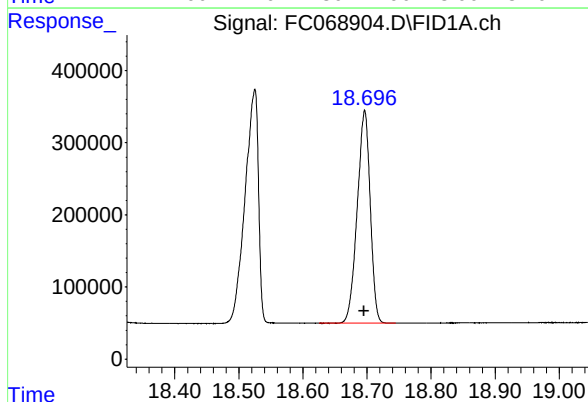
R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 4186076
Conc: 50.65 ug/ml



#17 n-Tricontane (C30)

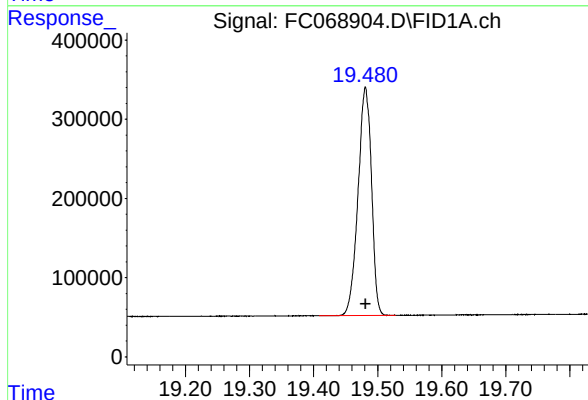
R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 4173624
Conc: 49.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



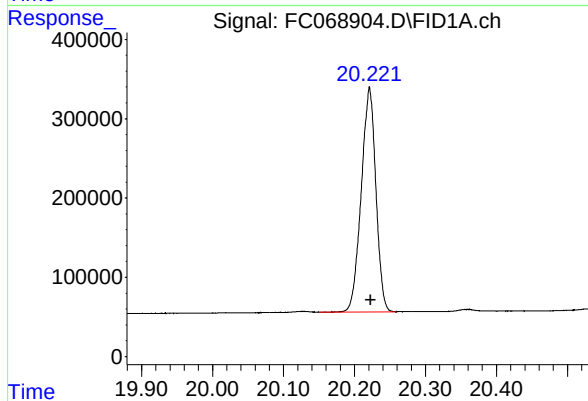
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 4158706
Conc: 48.28 ug/ml



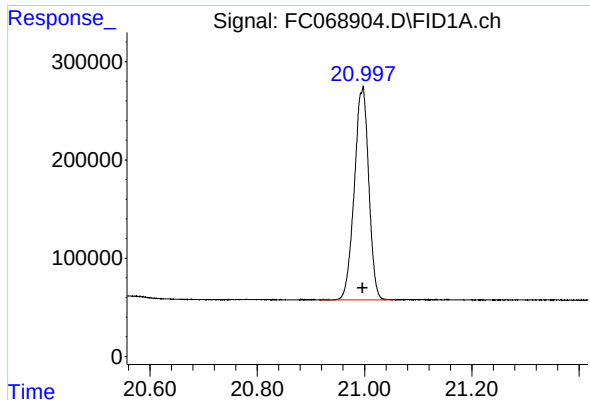
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.000 min
Response: 4209200
Conc: 49.40 ug/ml



#20 n-Hexatriacontane (C36)

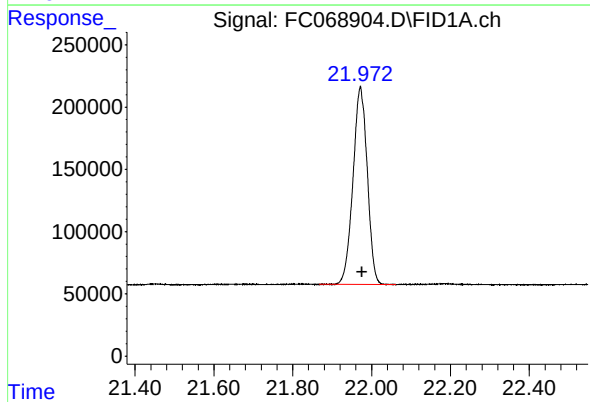
R.T.: 20.221 min
Delta R.T.: -0.001 min
Response: 4050923
Conc: 47.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.000 min
Response: 4024176
Conc: 47.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168035BSD



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.004 min
Response: 3991835
Conc: 48.71 ug/ml