

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
 Data File : FC068528.D
 Signal(s) : FID1A.ch
 Acq On : 09 Apr 2025 16:01
 Operator : YP/AJ
 Sample : PB167528BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167528BSD

Integration File: autoint1.e
 Quant Time: Apr 10 05:23:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.715	4680361	36.755 ug/ml
Spiked Amount 50.000		Recovery =	73.51%
12) S 1-chlorooctadecane (S...	13.146	3542668	38.137 ug/ml
Spiked Amount 50.000		Recovery =	76.27%
Target Compounds			
1) T n-Nonane (C9)	3.452	4634336	44.001 ug/ml
2) T n-Decane (C10)	4.526	4836142	45.901 ug/ml
3) T A~Naphthalene (C11.7)	6.120	5434726	46.666 ug/ml
4) T n-Dodecane (C12)	6.548	4866713	46.278 ug/ml
5) T A~2-methylnaphthalene...	7.178	4932874	42.710 ug/ml
6) T n-Tetradecane (C14)	8.345	4764828	46.349 ug/ml
7) T n-Hexadecane (C16)	9.947	4796728	47.100 ug/ml
8) T n-Octadecane (C18)	11.390	4745142	47.153 ug/ml
10) T n-Eicosane (C20)	12.701	4845882	49.267 ug/ml
11) T n-Heneicosane (C21)	13.313	4645721	47.669 ug/ml
13) T n-Docosane (C22)	13.901	4598454	47.606 ug/ml
14) T n-Tetracosane (C24)	14.998	9432346	99.096 ug/ml
15) T n-Hexacosane (C26)	16.030	4472601	47.884 ug/ml
16) T n-Octacosane (C28)	16.980	4478132	48.911 ug/ml
17) T n-Tricontane (C30)	17.870	4438217	48.277 ug/ml
18) T n-Dotriacontane (C32)	18.704	4410007	48.077 ug/ml
19) T n-Tetratriacontane (C34)	19.488	4513392	50.520 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4511443	50.363 ug/ml
21) T n-Octatriacontane (C38)	21.007	4855145	54.915 ug/ml
22) T n-Tetracontane (C40)	21.989	5083633	57.568 ug/ml

(f)=RT Delta > 1/2 Window

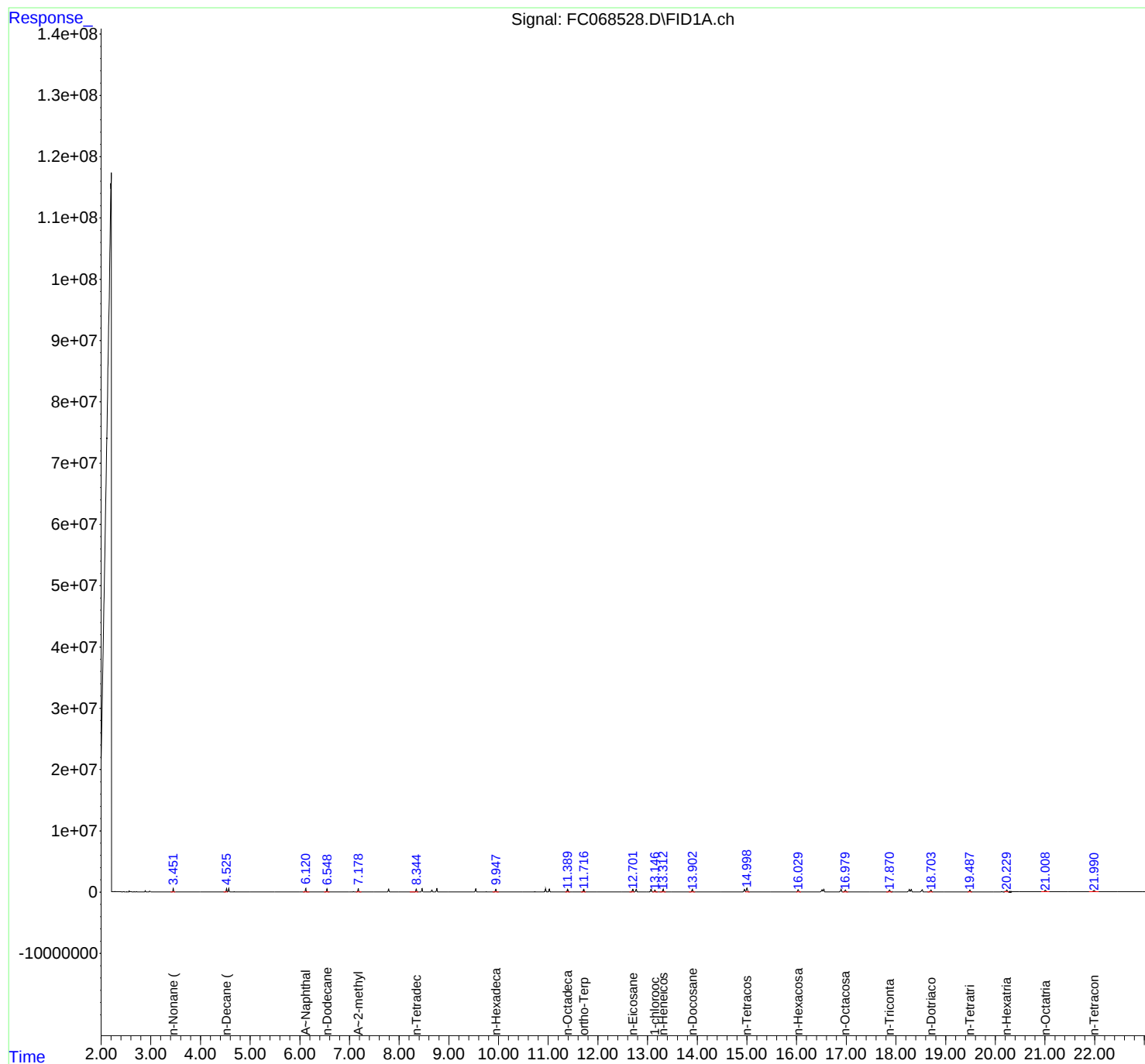
(m)=manual int.

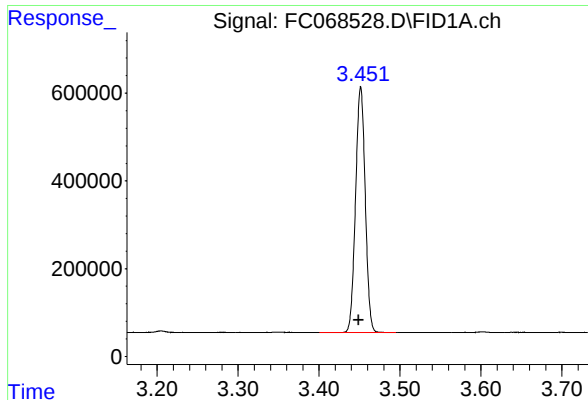
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
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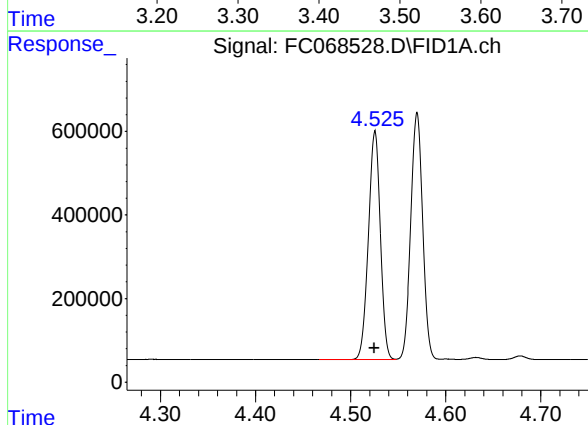




#1 n-Nonane (C9)

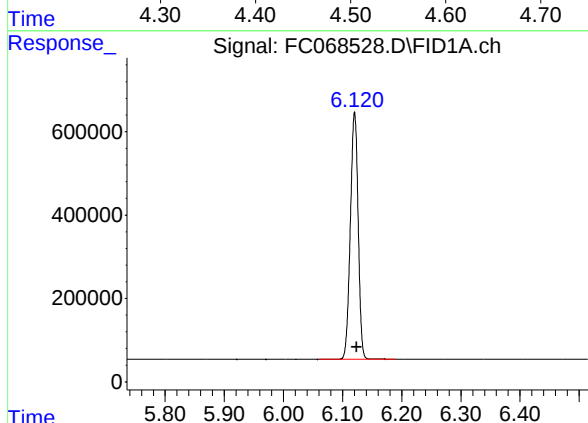
R.T.: 3.452 min
Delta R.T.: 0.003 min
Response: 4634336
Conc: 44.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



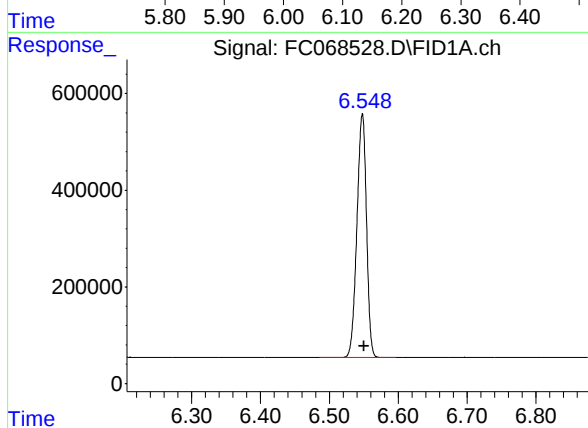
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 4836142
Conc: 45.90 ug/ml



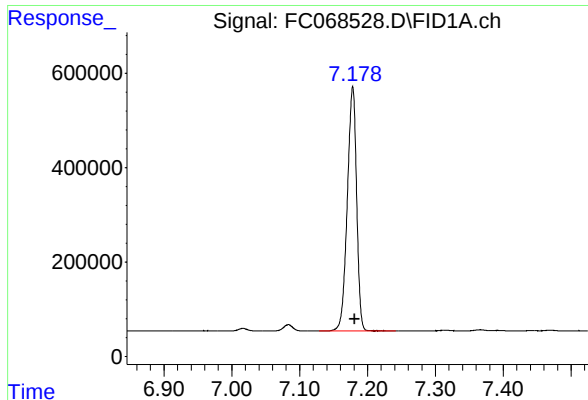
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 5434726
Conc: 46.67 ug/ml



#4 n-Dodecane (C12)

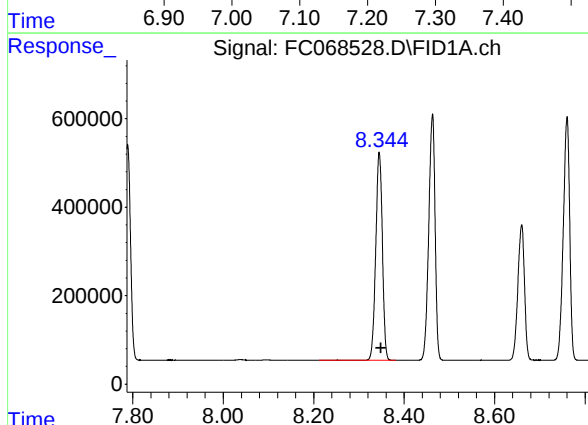
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 4866713
Conc: 46.28 ug/ml



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

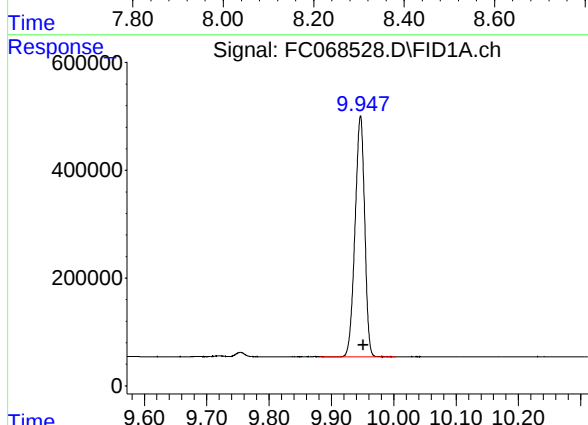
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 4932874
Conc: 42.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



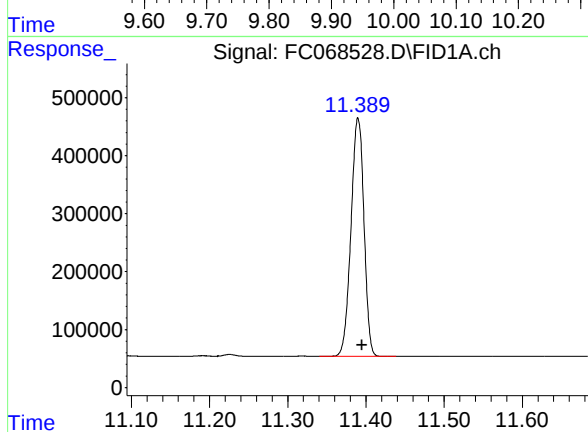
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 4764828
Conc: 46.35 ug/ml



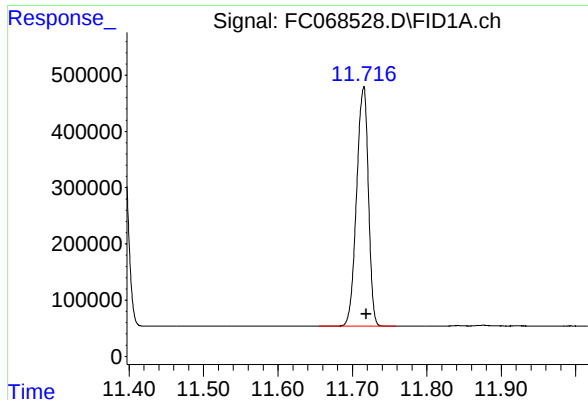
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: -0.004 min
Response: 4796728
Conc: 47.10 ug/ml



#8 n-Octadecane (C18)

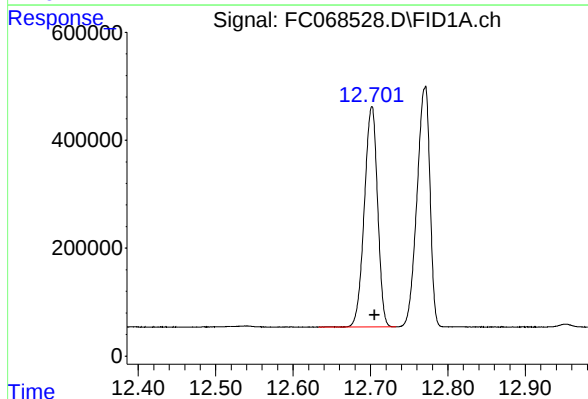
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 4745142
Conc: 47.15 ug/ml



#9 ortho-Terphenyl (SURR)

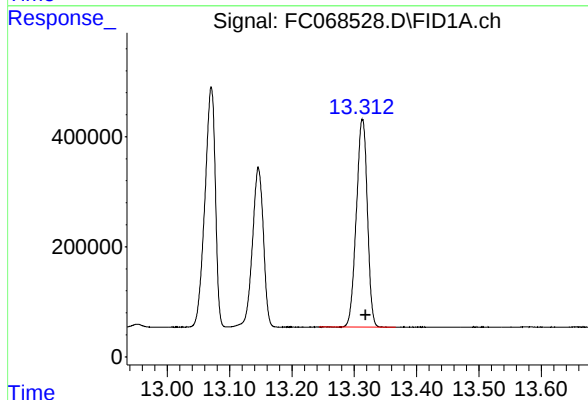
R.T.: 11.715 min
Delta R.T.: -0.004 min
Response: 4680361
Conc: 36.76 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



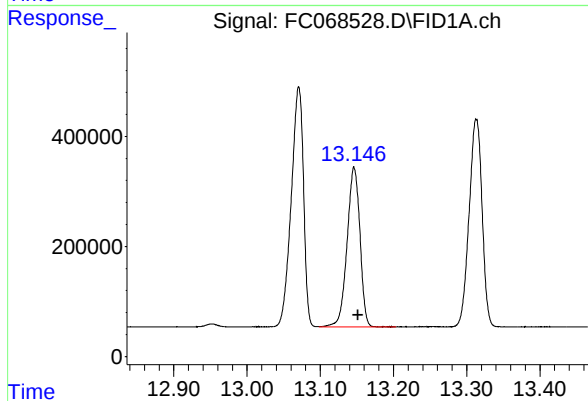
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: -0.004 min
Response: 4845882
Conc: 49.27 ug/ml



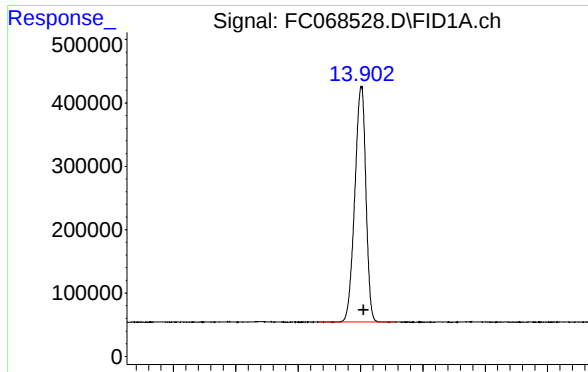
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 4645721
Conc: 47.67 ug/ml



#12 1-chlorooctadecane (SURR)

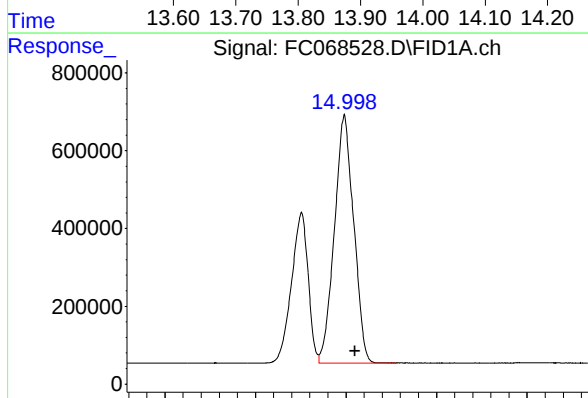
R.T.: 13.146 min
Delta R.T.: -0.006 min
Response: 3542668
Conc: 38.14 ug/ml



#13 n-Docosane (C22)

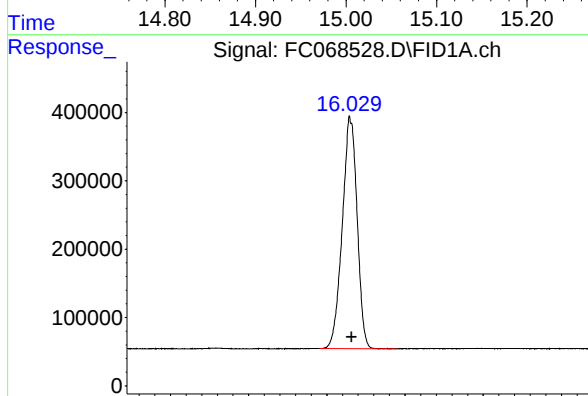
R.T.: 13.901 min
Delta R.T.: -0.004 min
Response: 4598454
Conc: 47.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



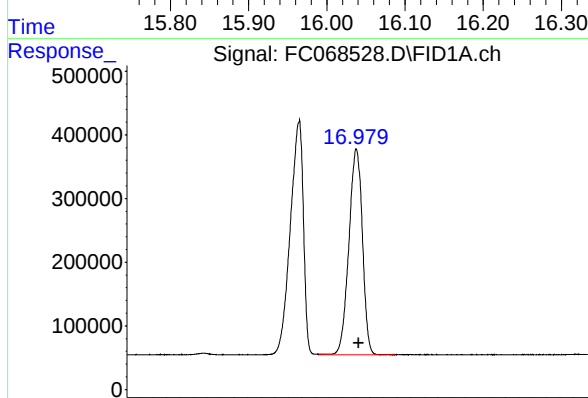
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.012 min
Response: 9432346
Conc: 99.10 ug/ml



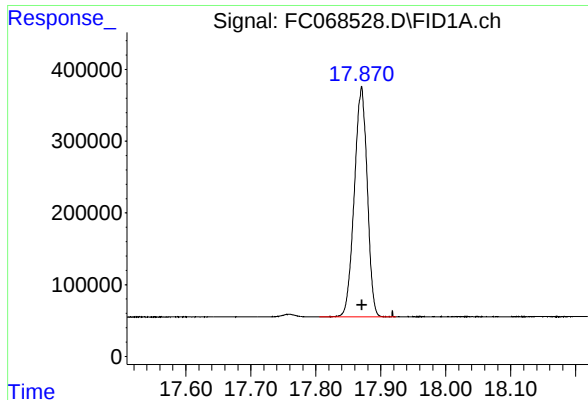
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 4472601
Conc: 47.88 ug/ml



#16 n-Octacosane (C28)

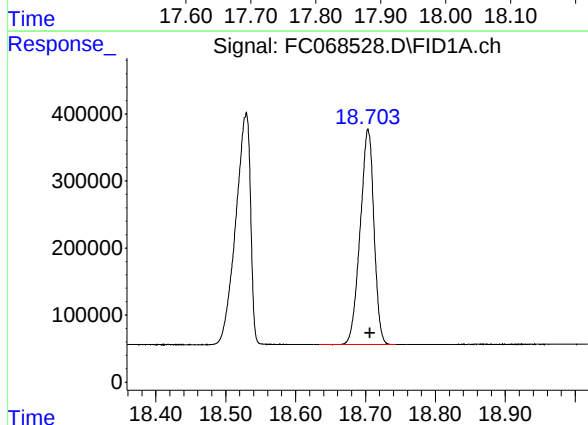
R.T.: 16.980 min
Delta R.T.: -0.003 min
Response: 4478132
Conc: 48.91 ug/ml



#17 n-Tricontane (C30)

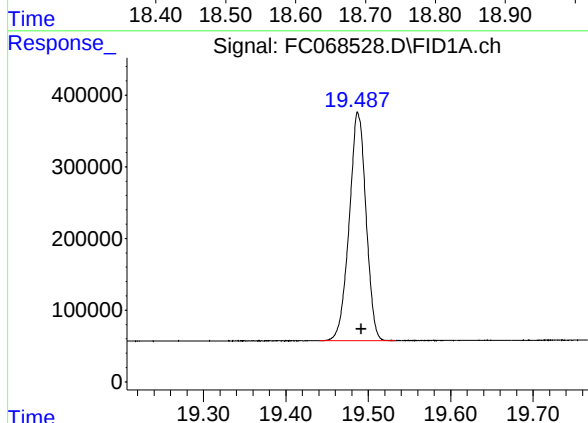
R.T.: 17.870 min
Delta R.T.: -0.001 min
Response: 4438217
Conc: 48.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



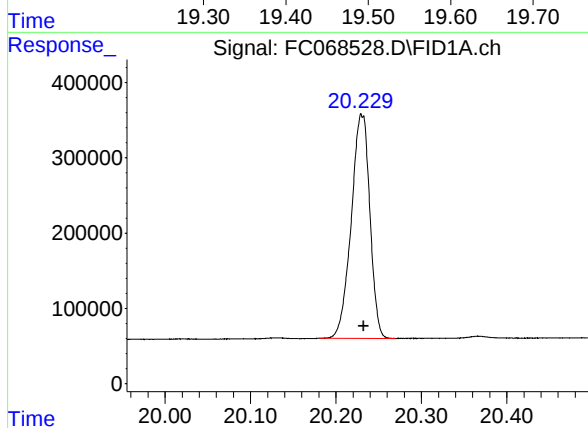
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 4410007
Conc: 48.08 ug/ml



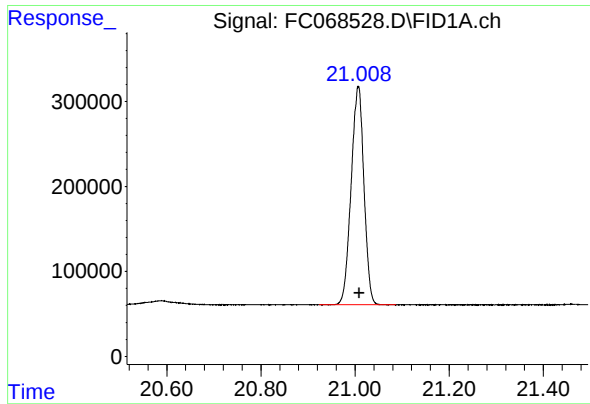
#19 n-Tetatriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.004 min
Response: 4513392
Conc: 50.52 ug/ml



#20 n-Hexatriacontane (C36)

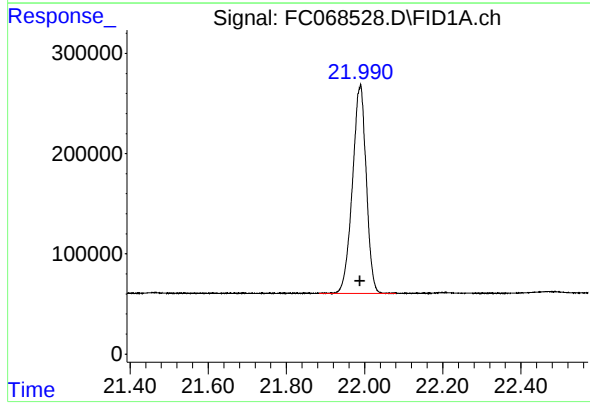
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 4511443
Conc: 50.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: -0.003 min
Response: 4855145
Conc: 54.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BSD



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 5083633
Conc: 57.57 ug/ml