

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092424AL\
 Data File : FC067248.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2024 14:35
 Operator : YP/AJ
 Sample : PB163643BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163643BSD

Integration File: autoint1.e
 Quant Time: Sep 25 02:43:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.504	5772621	41.456 ug/ml
Spiked Amount 50.000		Recovery =	82.91%
12) S 1-chlorooctadecane (S...	12.942	4359570	44.628 ug/ml
Spiked Amount 50.000		Recovery =	89.26%
Target Compounds			
1) T n-Nonane (C9)	3.289	6205169	46.780 ug/ml
2) T n-Decane (C10)	4.348	6530827	48.626 ug/ml
3) T A~Naphthalene (C11.7)	5.922	6877168	48.388 ug/ml
4) T n-Dodecane (C12)	6.360	6453003	48.209 ug/ml
5) T A~2-methylnaphthalene...	6.977	6122154	45.846 ug/ml
6) T n-Tetradecane (C14)	8.155	6602150	51.229 ug/ml
7) T n-Hexadecane (C16)	9.752	6446634	50.003 ug/ml
8) T n-Octadecane (C18)	11.193	6325102	49.437 ug/ml
10) T n-Eicosane (C20)	12.501	6240803	51.957 ug/ml
11) T n-Heneicosane (C21)	13.111	5948208	50.929 ug/ml
13) T n-Docosane (C22)	13.697	5841187	50.591 ug/ml
14) T n-Tetracosane (C24)	14.798	5847334	51.490 ug/ml
15) T n-Hexacosane (C26)	15.820	5698765	51.420 ug/ml
16) T n-Octacosane (C28)	16.766	5491173	50.835 ug/ml
17) T n-Tricontane (C30)	17.655	5625975	51.722 ug/ml
18) T n-Dotriacontane (C32)	18.485	5513729	52.861 ug/ml
19) T n-Tetratriacontane (C34)	19.267	5494140	59.552 ug/ml
20) T n-Hexatriacontane (C36)	20.006	5182256	65.393 ug/ml
21) T n-Octatriacontane (C38)	20.730	4937328	65.730 ug/ml
22) T n-Tetracontane (C40)	21.618	4211105	60.275 ug/ml

(f)=RT Delta > 1/2 Window

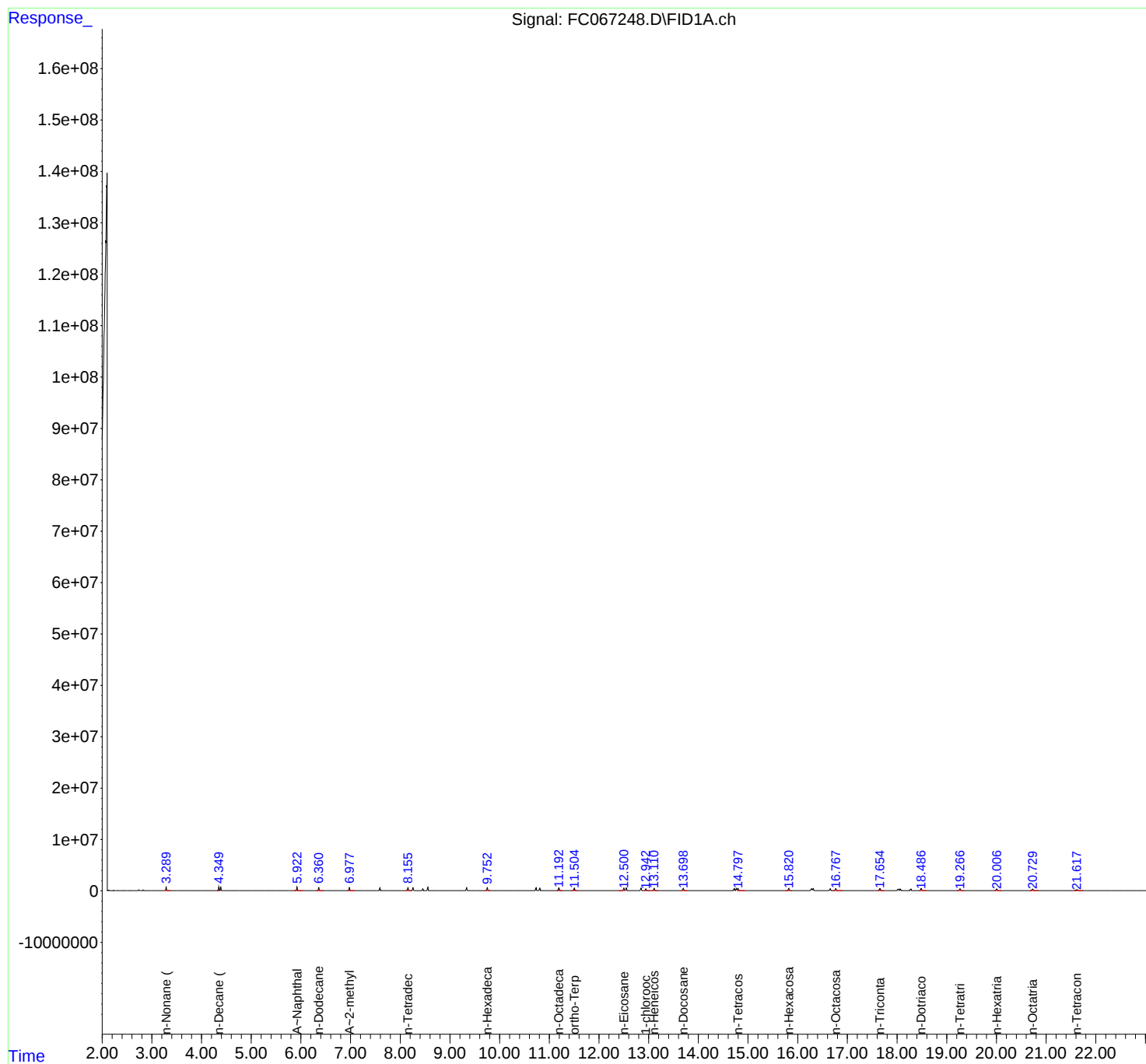
(m)=manual int.

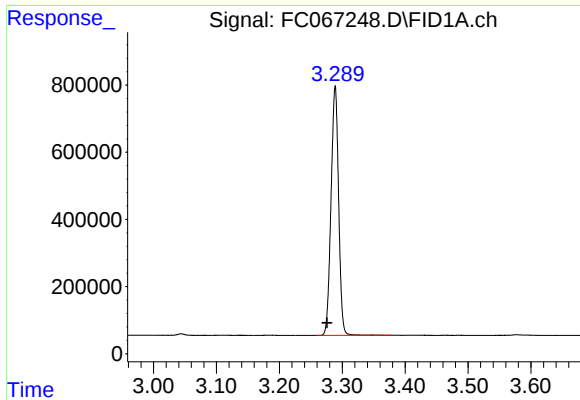
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092424AL\
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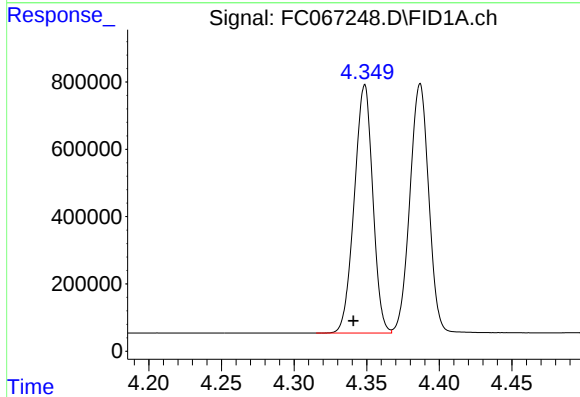




#1 n-Nonane (C9)

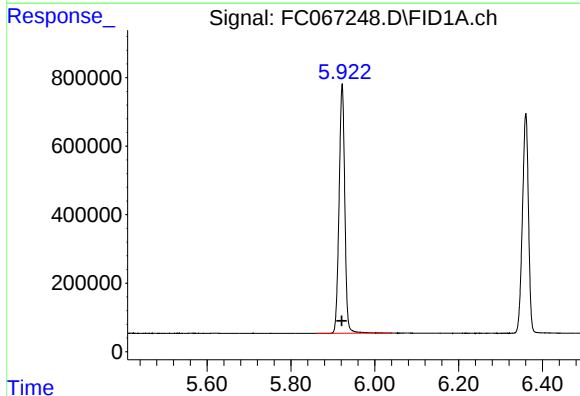
R.T.: 3.289 min
Delta R.T.: 0.013 min
Response: 6205169
Conc: 46.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



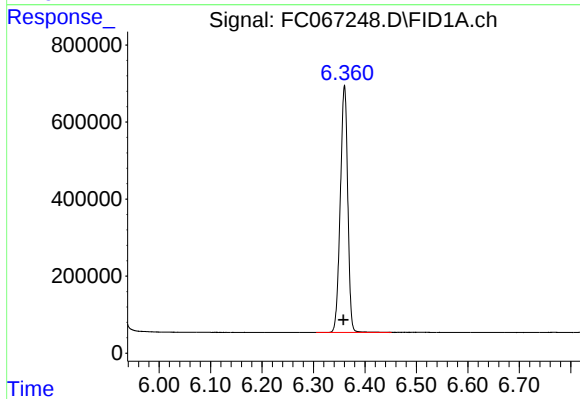
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.008 min
Response: 6530827
Conc: 48.63 ug/ml



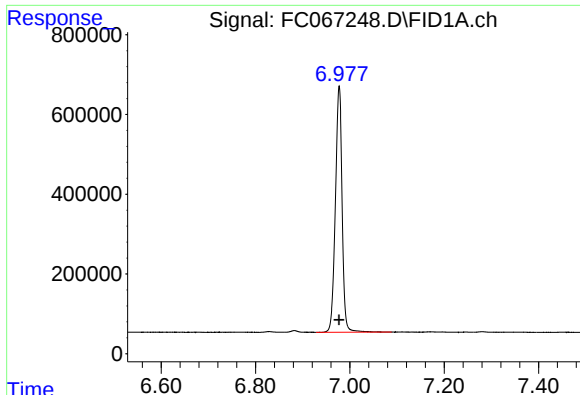
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 6877168
Conc: 48.39 ug/ml



#4 n-Dodecane (C12)

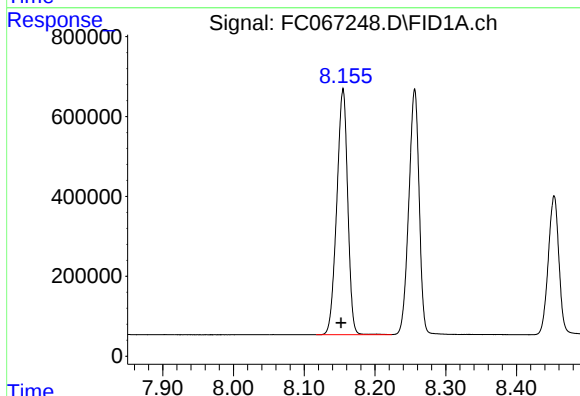
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 6453003
Conc: 48.21 ug/ml



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

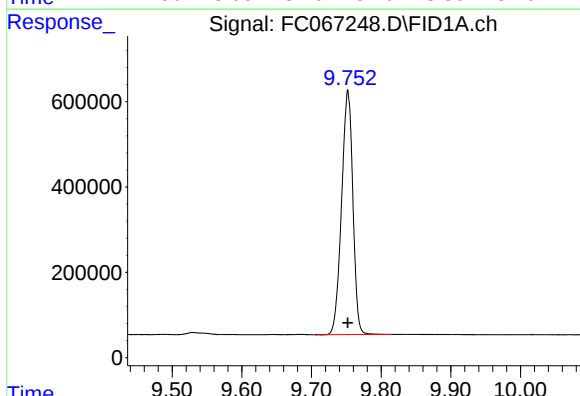
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 6122154
Conc: 45.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



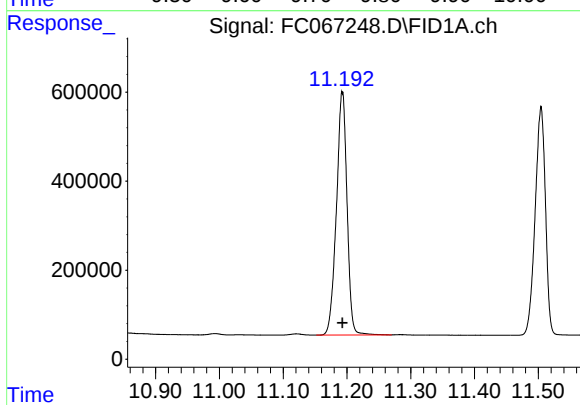
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 6602150
Conc: 51.23 ug/ml



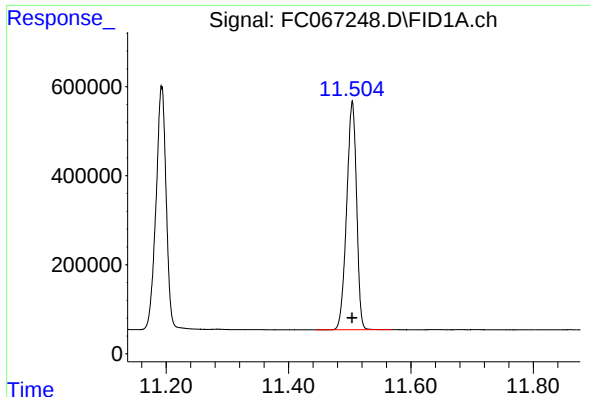
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 6446634
Conc: 50.00 ug/ml



#8 n-Octadecane (C18)

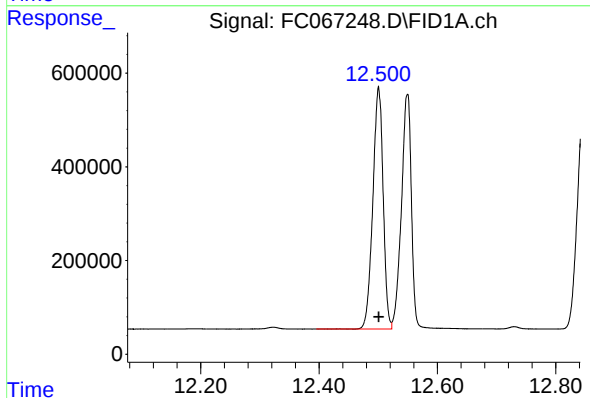
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 6325102
Conc: 49.44 ug/ml



#9 ortho-Terphenyl (SURR)

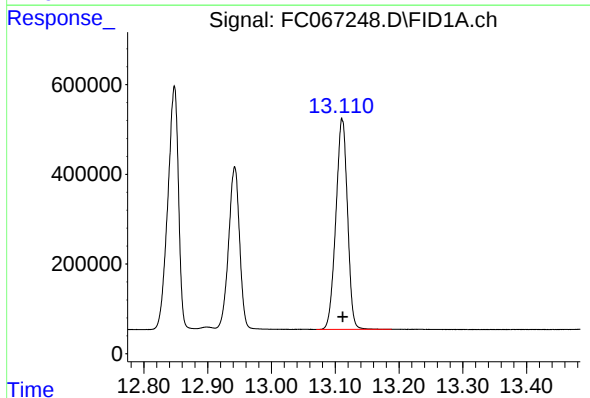
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 5772621
Conc: 41.46 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



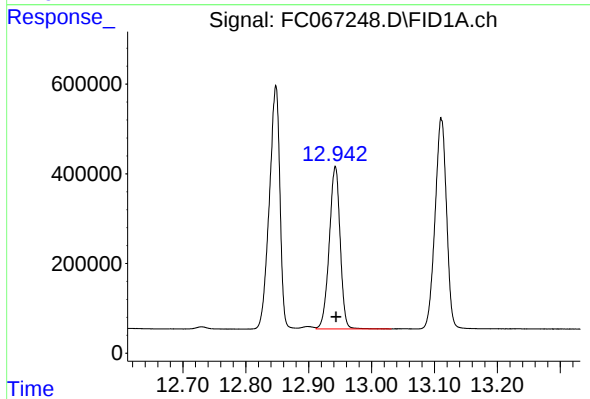
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 6240803
Conc: 51.96 ug/ml



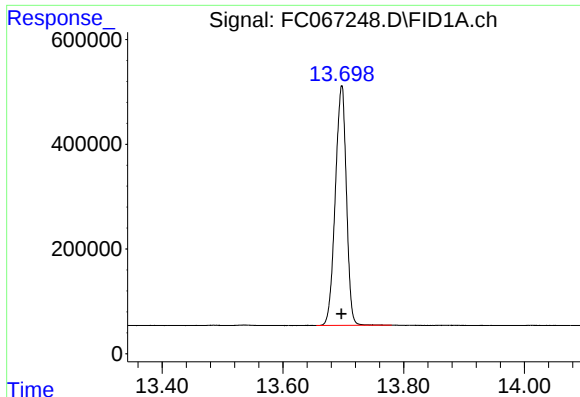
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 5948208
Conc: 50.93 ug/ml



#12 1-chlorooctadecane (SURR)

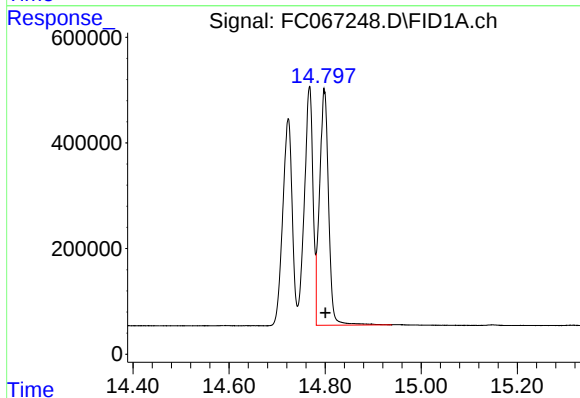
R.T.: 12.942 min
Delta R.T.: -0.001 min
Response: 4359570
Conc: 44.63 ug/ml



#13 n-Docosane (C22)

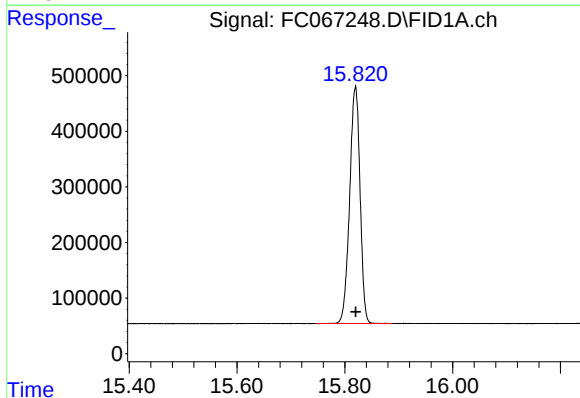
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 5841187
Conc: 50.59 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



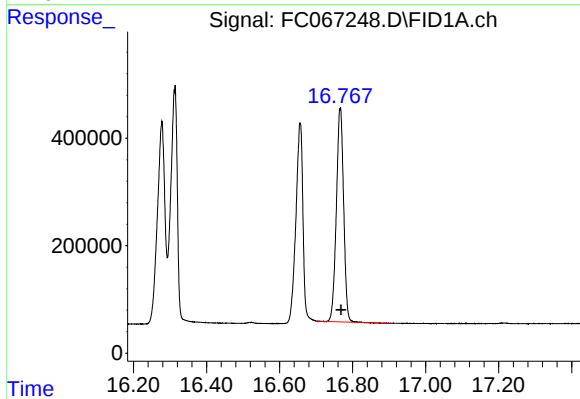
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.002 min
Response: 5847334
Conc: 51.49 ug/ml



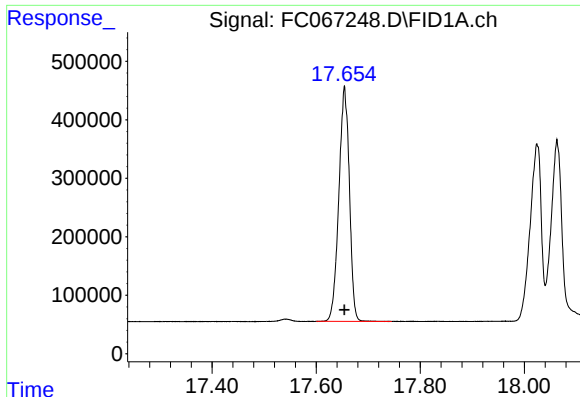
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 5698765
Conc: 51.42 ug/ml



#16 n-Octacosane (C28)

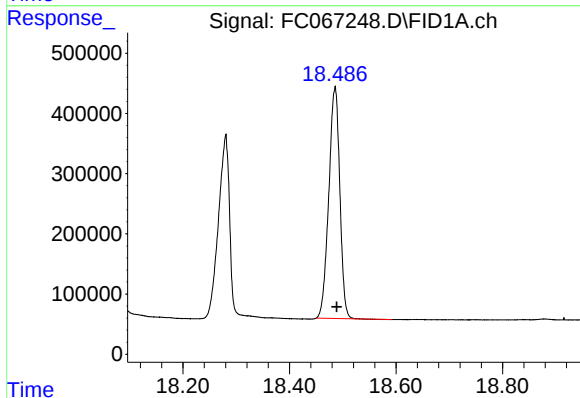
R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 5491173
Conc: 50.84 ug/ml



#17 n-Tricontane (C30)

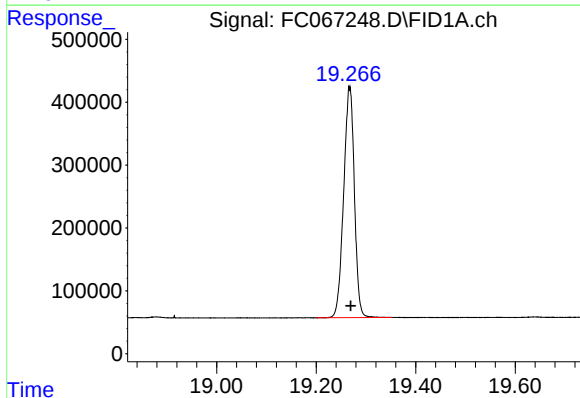
R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 5625975
Conc: 51.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



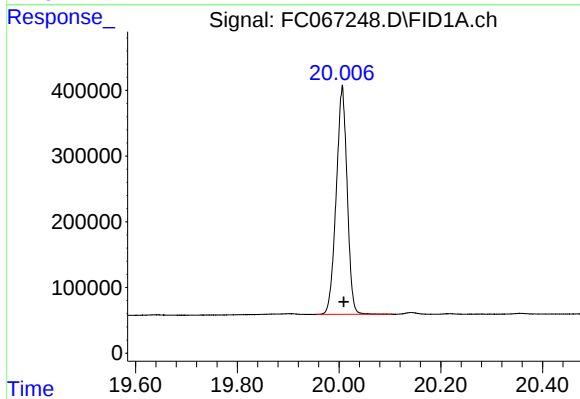
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.003 min
Response: 5513729
Conc: 52.86 ug/ml



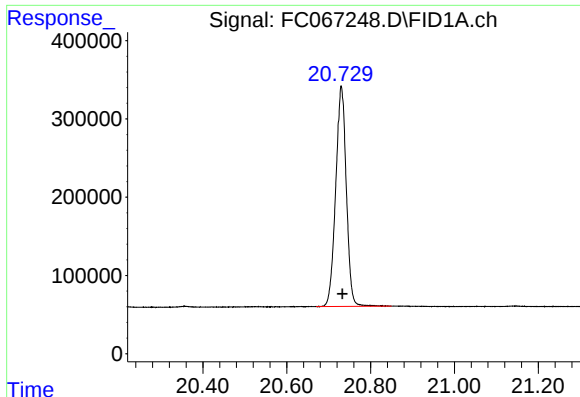
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 5494140
Conc: 59.55 ug/ml



#20 n-Hexatriacontane (C36)

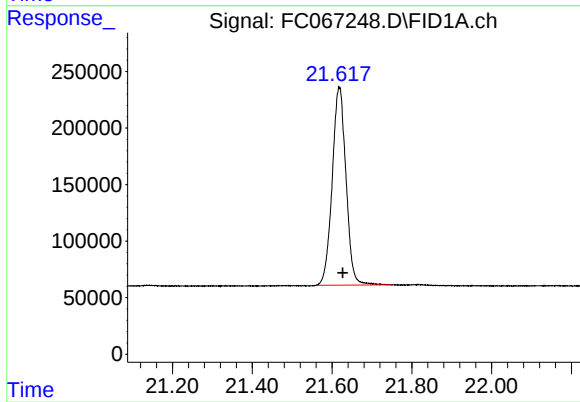
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 5182256
Conc: 65.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.003 min
Response: 4937328
Conc: 65.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163643BSD



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.009 min
Response: 4211105
Conc: 60.28 ug/ml