

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082625AL\
 Data File : FC069744.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 14:51
 Operator : YP/AJ
 Sample : PB169395BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169395BS

Integration File: autoint1.e
 Quant Time: Aug 27 01:05:47 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)	11.665	5554616	37.233 ug/ml
Spiked Amount 50.000		Recovery =	74.47%
12) S 1-chlorooctadecane (S...	13.100	4366004	40.046 ug/ml
Spiked Amount 50.000		Recovery =	80.09%
Target Compounds			
1) T n-Nonane (C9)	3.408	4704955	33.024 ug/ml
2) T n-Decane (C10)	4.475	5099412	35.076 ug/ml
3) T A~Naphthalene (C11.7)	6.065	6133591	39.530 ug/ml
4) T n-Dodecane (C12)	6.495	5598337	38.296 ug/ml
5) T A~2-methylnaphthalene...	7.124	5867658	39.842 ug/ml
6) T n-Tetradecane (C14)	8.295	5980023	41.903 ug/ml
7) T n-Hexadecane (C16)	9.898	6209425	43.073 ug/ml
8) T n-Octadecane (C18)	11.343	6070323	42.926 ug/ml
10) T n-Eicosane (C20)	12.655	6040937	45.859 ug/ml
11) T n-Heneicosane (C21)	13.267	5753823	45.113 ug/ml
13) T n-Docosane (C22)	13.855	5601968	44.844 ug/ml
14) T n-Tetracosane (C24)	14.952	10651749	88.271 ug/ml
15) T n-Hexacosane (C26)	15.984	5125263	44.355 ug/ml
16) T n-Octacosane (C28)	16.933	4895341	43.674 ug/ml
17) T n-Tricontane (C30)	17.824	4817748	42.078 ug/ml
18) T n-Dotriacontane (C32)	18.657	4758156	42.835 ug/ml
19) T n-Tetratriacontane (C34)	19.442	4862235	47.751 ug/ml
20) T n-Hexatriacontane (C36)	20.183	4615515	51.764 ug/ml
21) T n-Octatriacontane (C38)	20.948	4644108	57.732 ug/ml
22) T n-Tetracontane (C40)	21.910	4501799	60.119 ug/ml

(f)=RT Delta > 1/2 Window

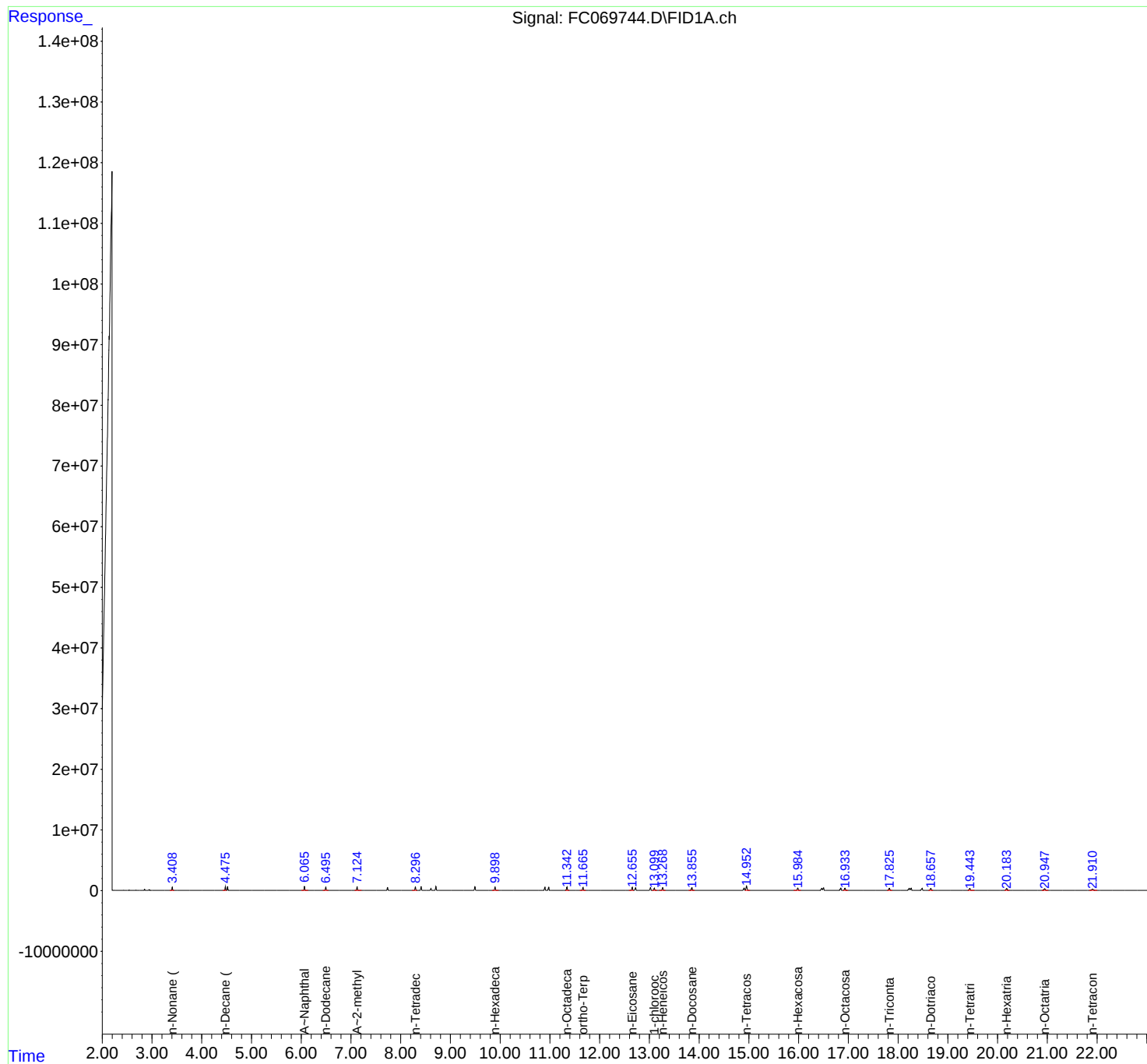
(m)=manual int.

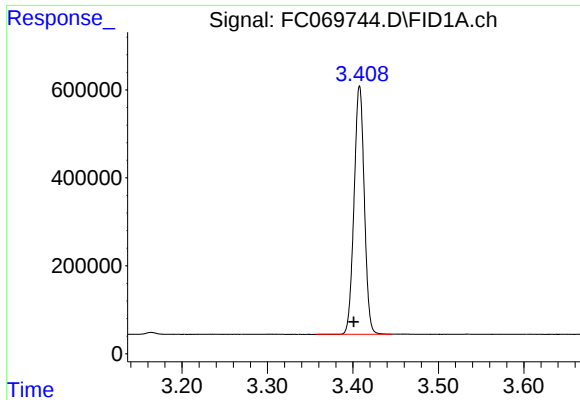
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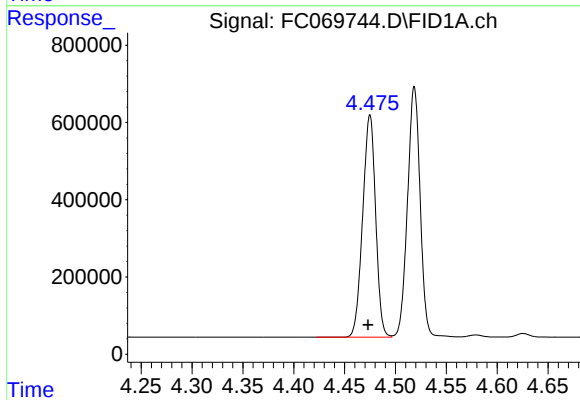




#1 n-Nonane (C9)

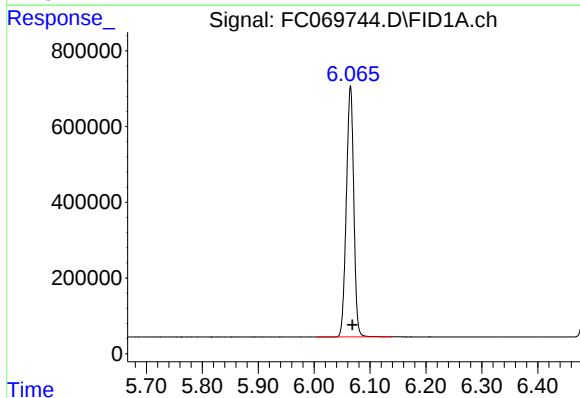
R.T.: 3.408 min
Delta R.T.: 0.007 min
Response: 4704955
Conc: 33.02 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BS



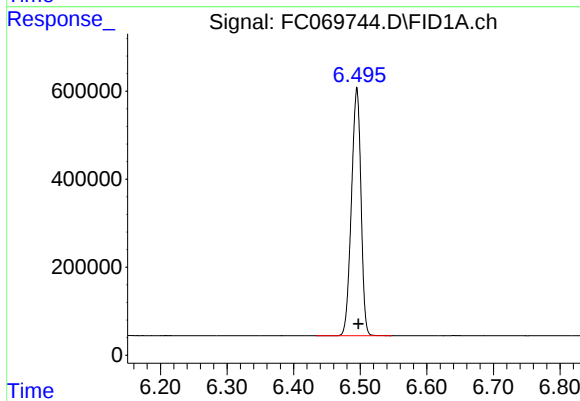
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 5099412
Conc: 35.08 ug/ml



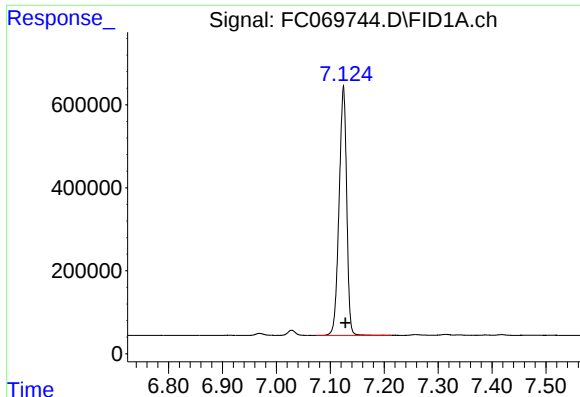
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 6133591
Conc: 39.53 ug/ml



#4 n-Dodecane (C12)

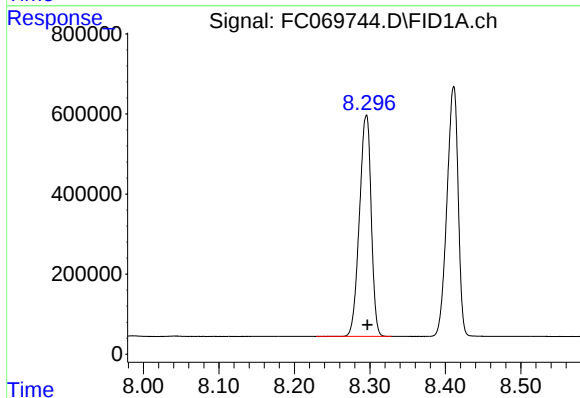
R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 5598337
Conc: 38.30 ug/ml



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

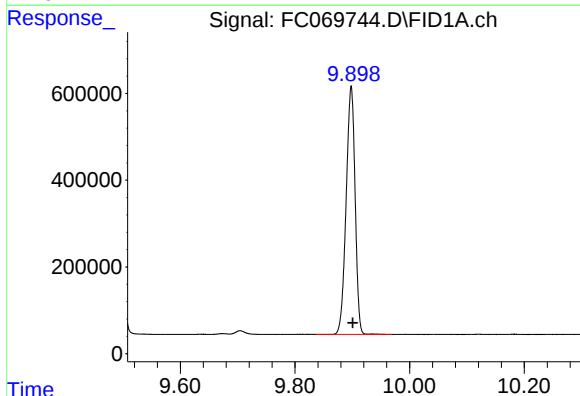
R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 5867658
Conc: 39.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BS



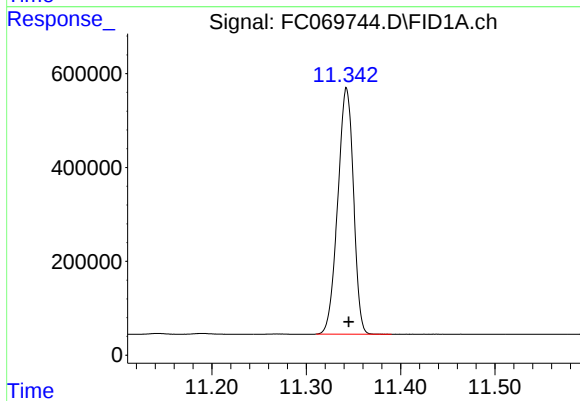
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 5980023
Conc: 41.90 ug/ml



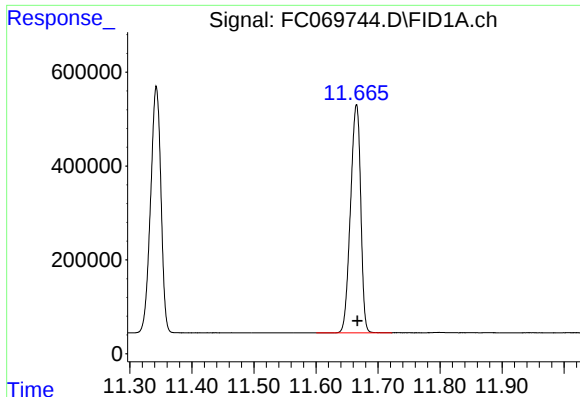
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 6209425
Conc: 43.07 ug/ml



#8 n-Octadecane (C18)

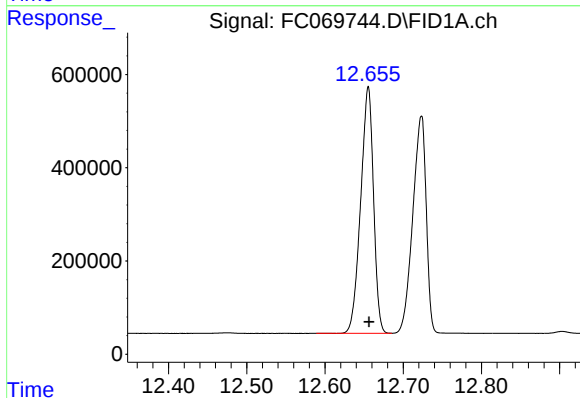
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 6070323
Conc: 42.93 ug/ml



#9 ortho-Terphenyl (SURR)

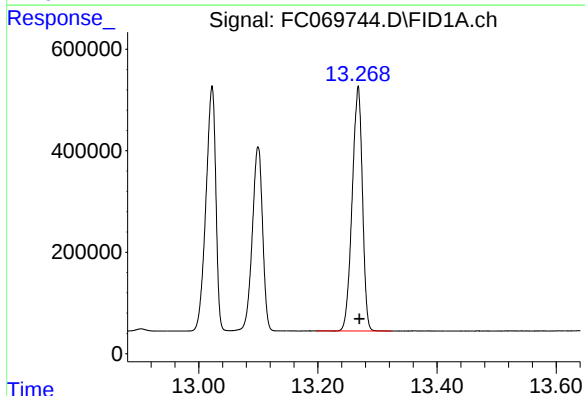
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 5554616
Conc: 37.23 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BS



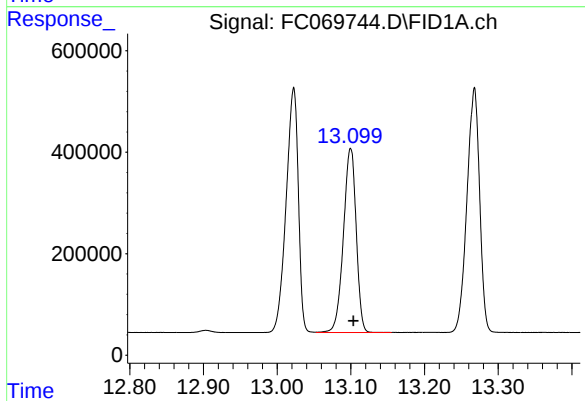
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.001 min
Response: 6040937
Conc: 45.86 ug/ml



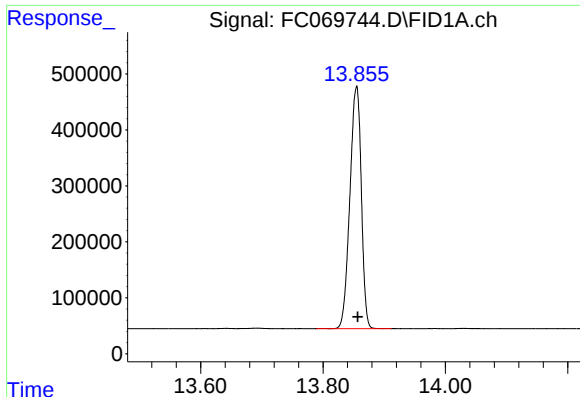
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 5753823
Conc: 45.11 ug/ml



#12 1-chlorooctadecane (SURR)

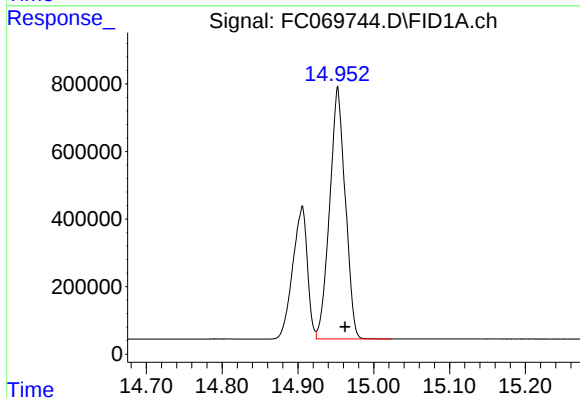
R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 4366004
Conc: 40.05 ug/ml



#13 n-Docosane (C22)

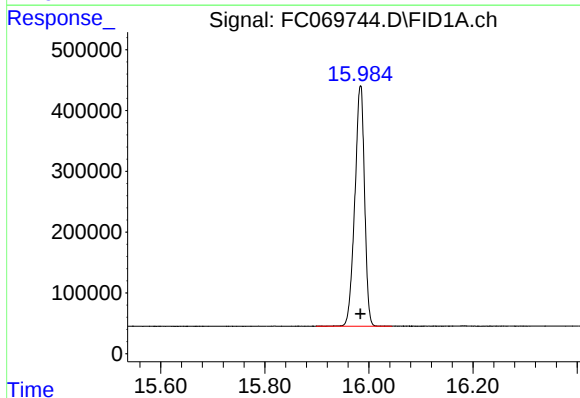
R.T.: 13.855 min
Delta R.T.: -0.002 min
Response: 5601968
Conc: 44.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BS



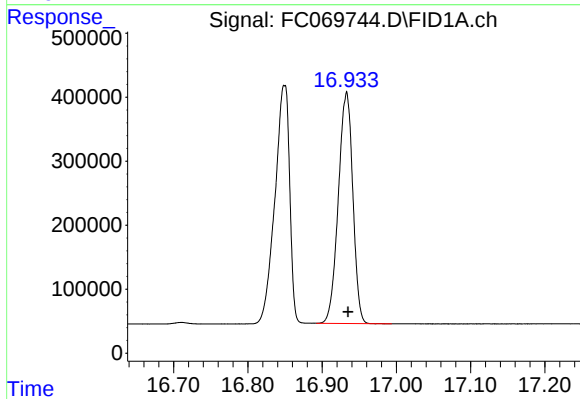
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.010 min
Response: 10651749
Conc: 88.27 ug/ml



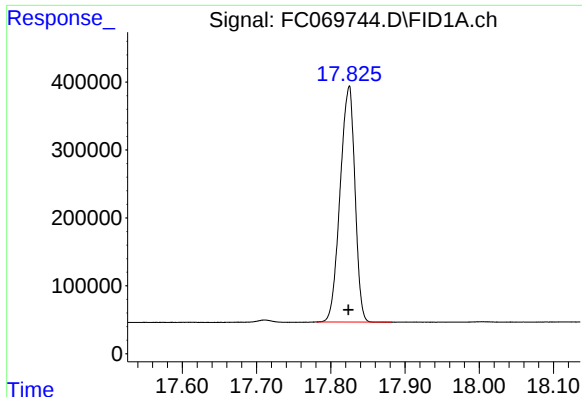
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 5125263
Conc: 44.36 ug/ml



#16 n-Octacosane (C28)

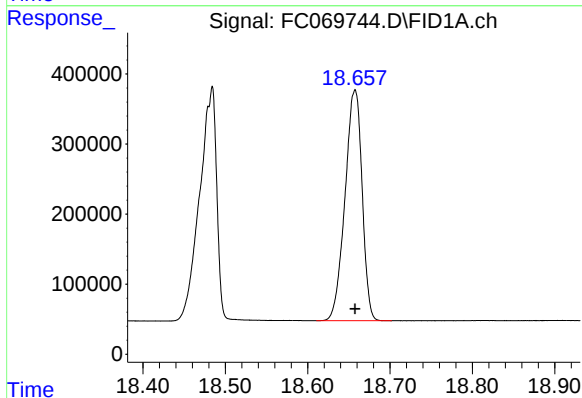
R.T.: 16.933 min
Delta R.T.: -0.002 min
Response: 4895341
Conc: 43.67 ug/ml



#17 n-Tricontane (C30)

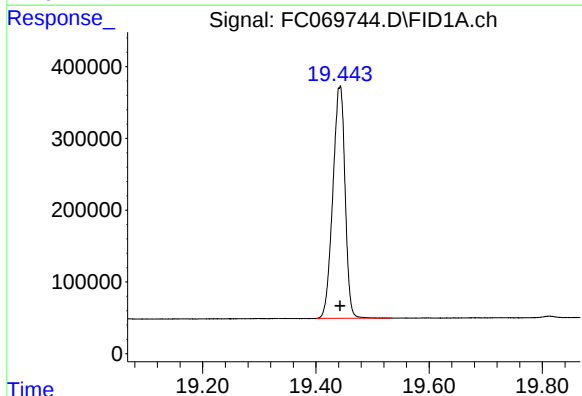
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 4817748
Conc: 42.08 ug/ml

Instrument :
FID_C
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PB169395BS



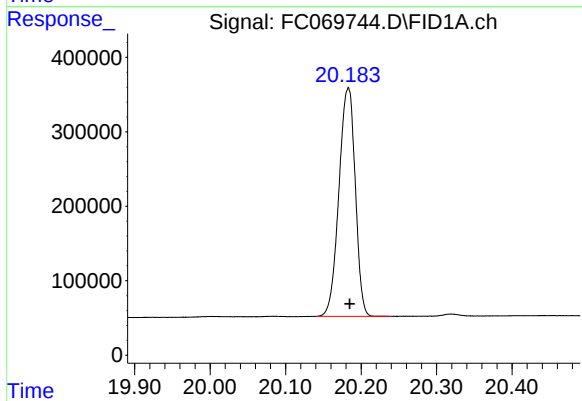
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 4758156
Conc: 42.83 ug/ml



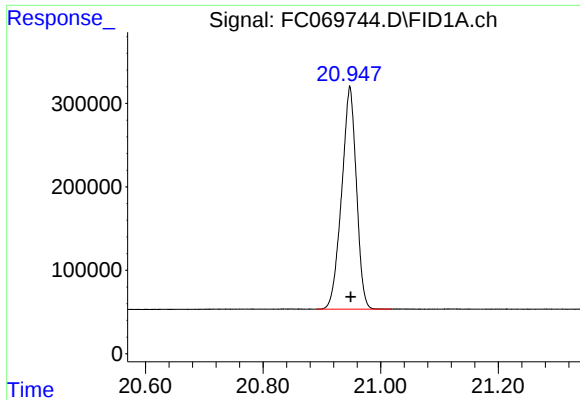
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 4862235
Conc: 47.75 ug/ml



#20 n-Hexatriacontane (C36)

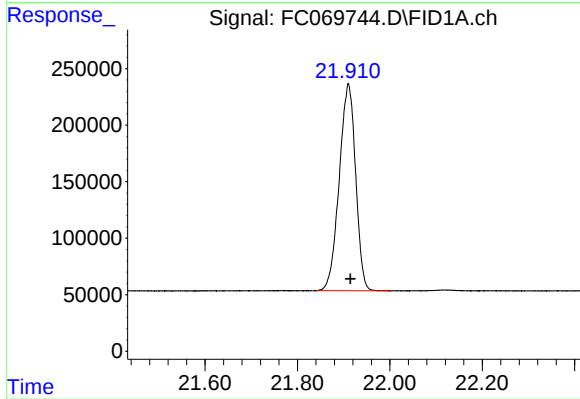
R.T.: 20.183 min
Delta R.T.: -0.002 min
Response: 4615515
Conc: 51.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.002 min
Response: 4644108
Conc: 57.73 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.005 min
Response: 4501799
Conc: 60.12 ug/ml