

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041425AL\
 Data File : FC068593.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2025 15:49
 Operator : YP/AJ
 Sample : PB167574BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167574BSD

Integration File: autoint1.e
 Quant Time: Apr 15 01:16:12 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)	11.717	4298632	33.758 ug/ml
Spiked Amount 50.000		Recovery =	67.52%
12) S 1-chlorooctadecane (S...	13.150	3211469	34.571 ug/ml
Spiked Amount 50.000		Recovery =	69.14%
Target Compounds			
1) T n-Nonane (C9)	3.455	4628545	43.946 ug/ml
2) T n-Decane (C10)	4.527	4843831	45.974 ug/ml
3) T A~Naphthalene (C11.7)	6.121	5550557	47.660 ug/ml
4) T n-Dodecane (C12)	6.549	4935925	46.936 ug/ml
5) T A~2-methylnaphthalene...	7.179	5100680	44.163 ug/ml
6) T n-Tetradecane (C14)	8.348	4968825	48.333 ug/ml
7) T n-Hexadecane (C16)	9.949	5055891	49.645 ug/ml
8) T n-Octadecane (C18)	11.393	4973411	49.421 ug/ml
10) T n-Eicosane (C20)	12.705	5053761	51.380 ug/ml
11) T n-Heneicosane (C21)	13.316	4836348	49.626 ug/ml
13) T n-Docosane (C22)	13.905	4783651	49.523 ug/ml
14) T n-Tetracosane (C24)	15.004	10158240	106.722 ug/ml
15) T n-Hexacosane (C26)	16.035	4717038	50.501 ug/ml
16) T n-Octacosane (C28)	16.985	4779191	52.199 ug/ml
17) T n-Tricontane (C30)	17.876	4797583	52.186 ug/ml
18) T n-Dotriacontane (C32)	18.709	4789856	52.218 ug/ml
19) T n-Tetratriacontane (C34)	19.495	4823075	53.986 ug/ml
20) T n-Hexatriacontane (C36)	20.236	4667991	52.110 ug/ml
21) T n-Octatriacontane (C38)	21.014	4597315	51.999 ug/ml
22) T n-Tetracontane (C40)	21.994	4460438	50.511 ug/ml

(f)=RT Delta > 1/2 Window

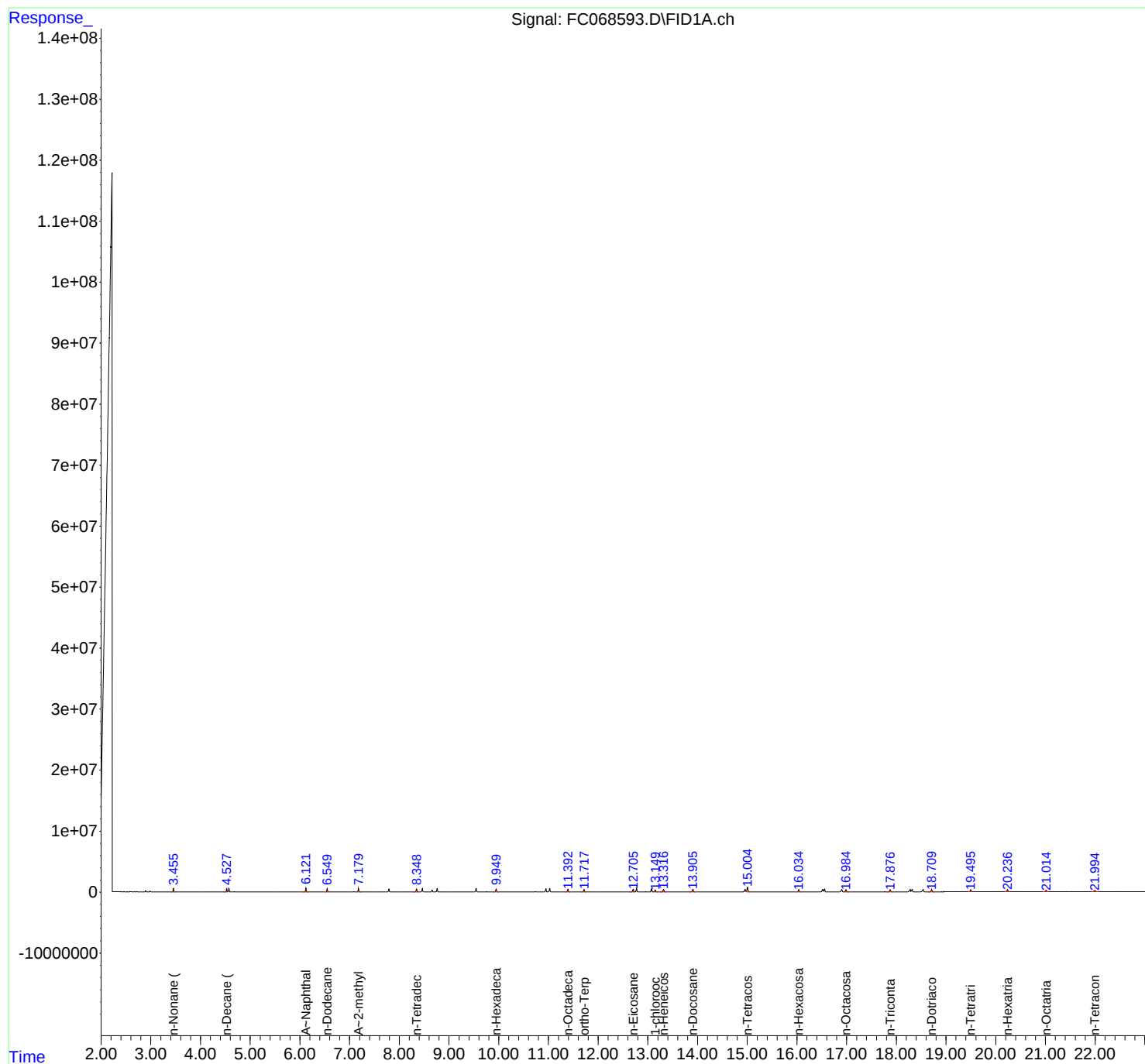
(m)=manual int.

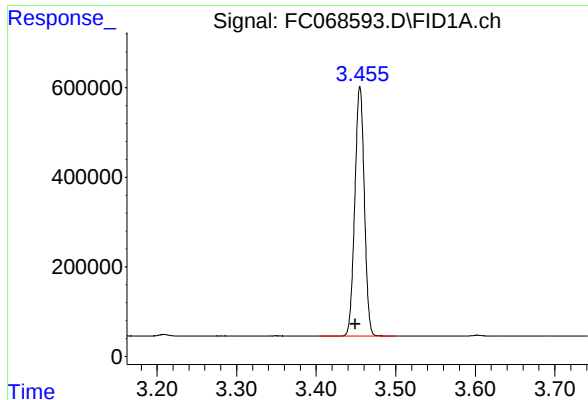
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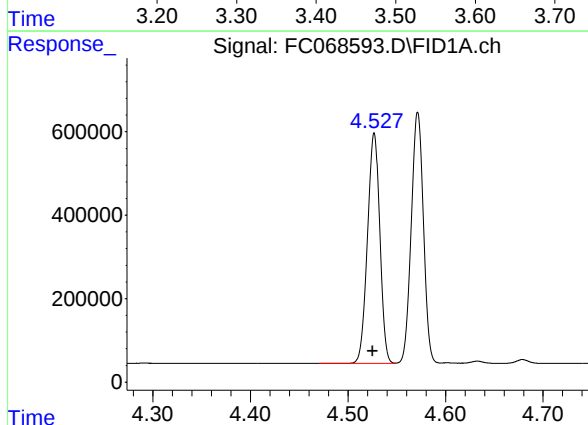




#1 n-Nonane (C9)

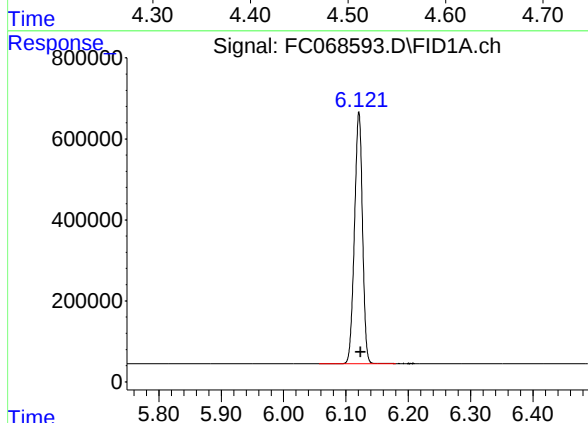
R.T.: 3.455 min
Delta R.T.: 0.006 min
Response: 4628545
Conc: 43.95 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



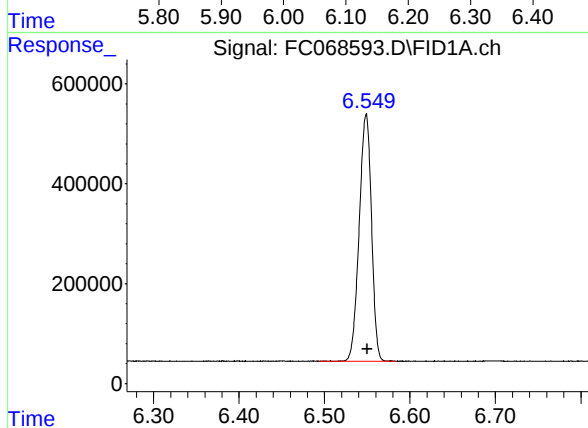
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 4843831
Conc: 45.97 ug/ml



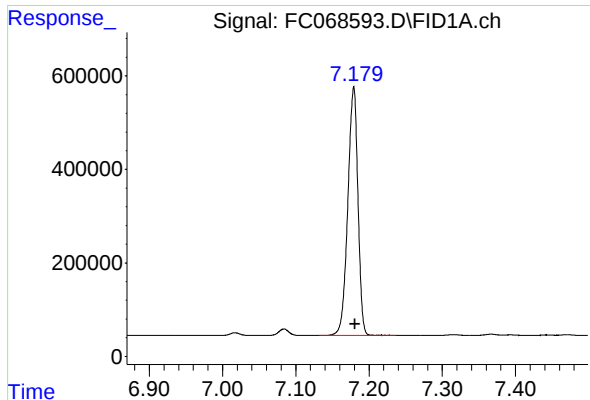
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 5550557
Conc: 47.66 ug/ml



#4 n-Dodecane (C12)

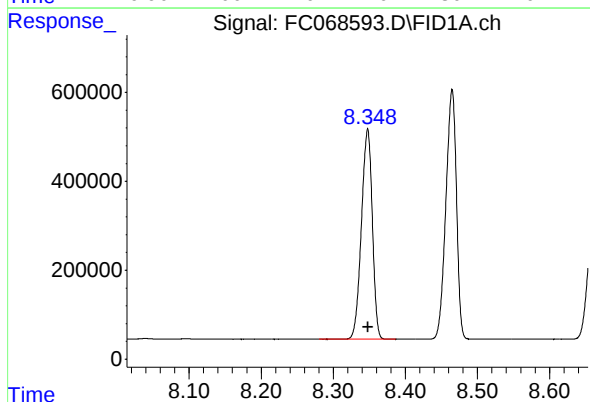
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 4935925
Conc: 46.94 ug/ml



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

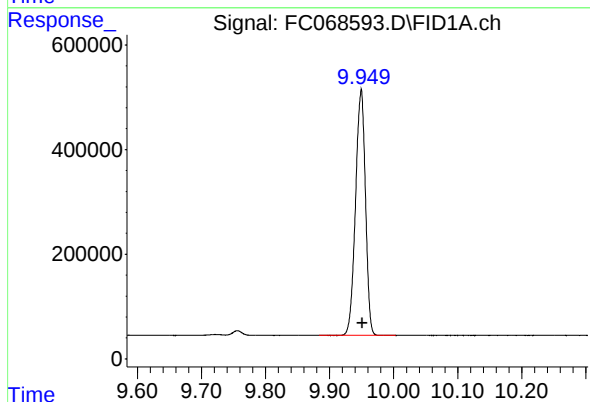
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 5100680
Conc: 44.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



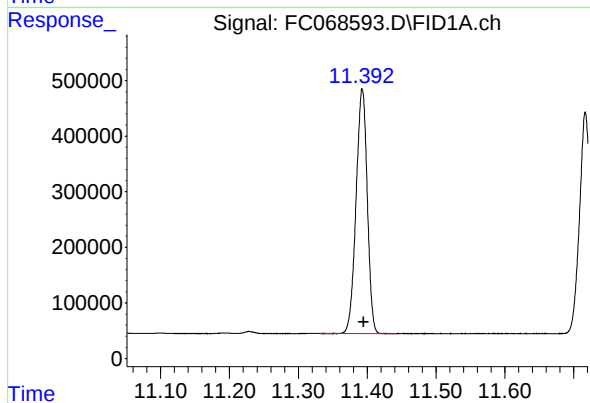
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 4968825
Conc: 48.33 ug/ml



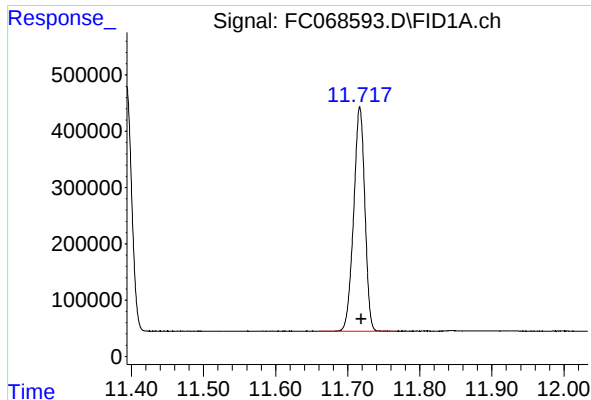
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 5055891
Conc: 49.64 ug/ml



#8 n-Octadecane (C18)

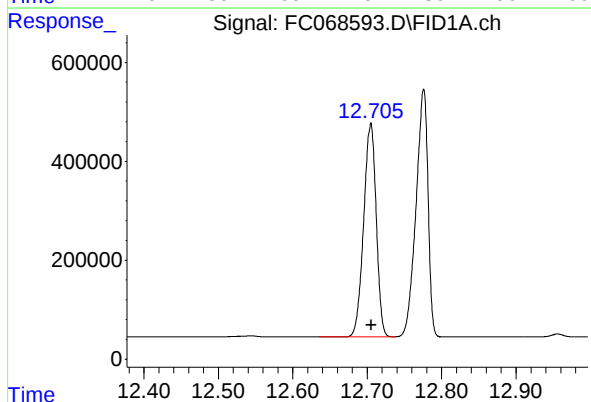
R.T.: 11.393 min
Delta R.T.: -0.002 min
Response: 4973411
Conc: 49.42 ug/ml



#9 ortho-Terphenyl (SURR)

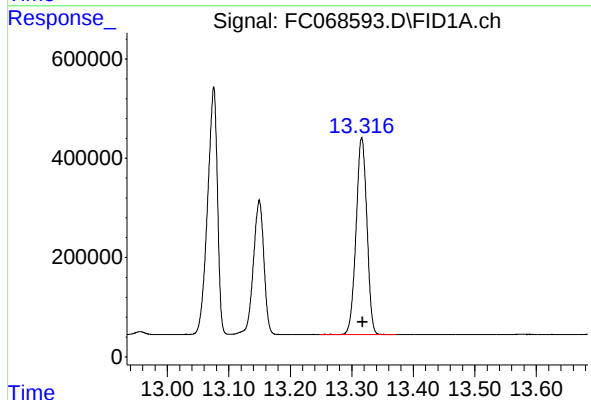
R.T.: 11.717 min
Delta R.T.: -0.002 min
Response: 4298632
Conc: 33.76 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



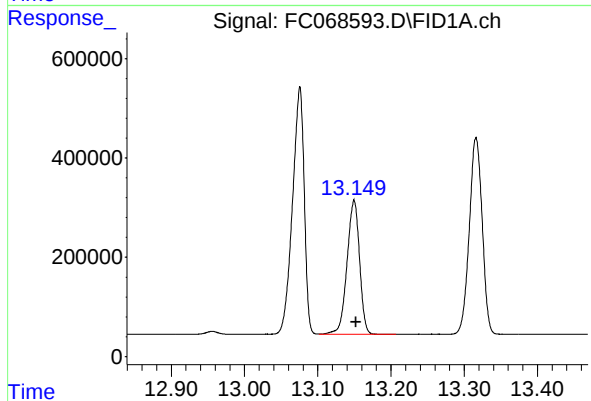
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.001 min
Response: 5053761
Conc: 51.38 ug/ml



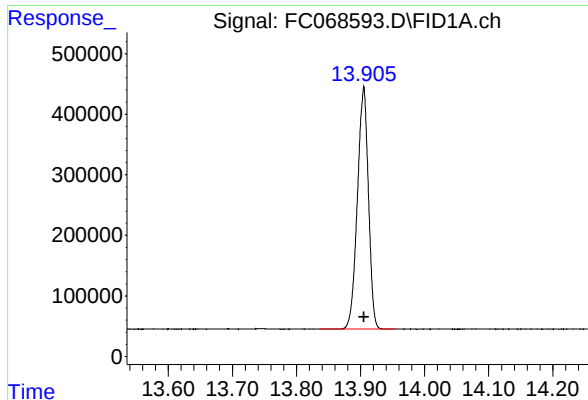
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 4836348
Conc: 49.63 ug/ml



#12 1-chlorooctadecane (SURR)

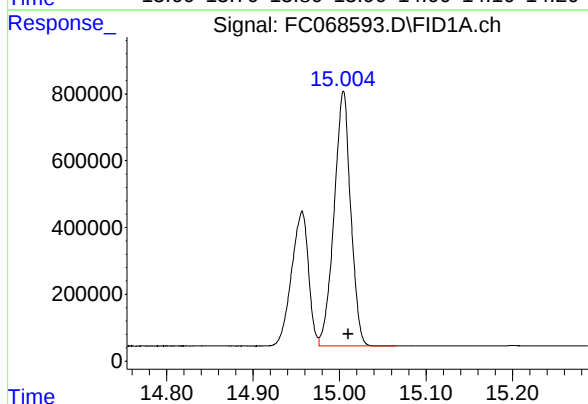
R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 3211469
Conc: 34.57 ug/ml



#13 n-Docosane (C22)

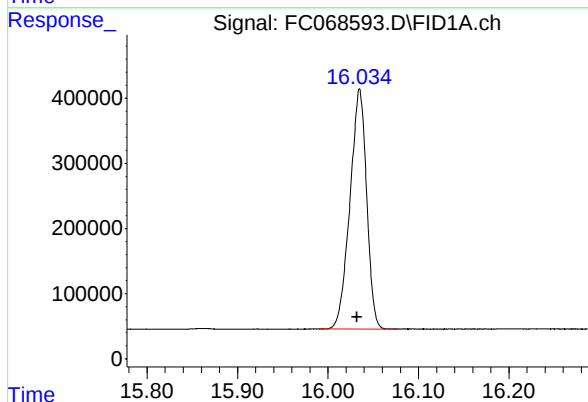
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 4783651
Conc: 49.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



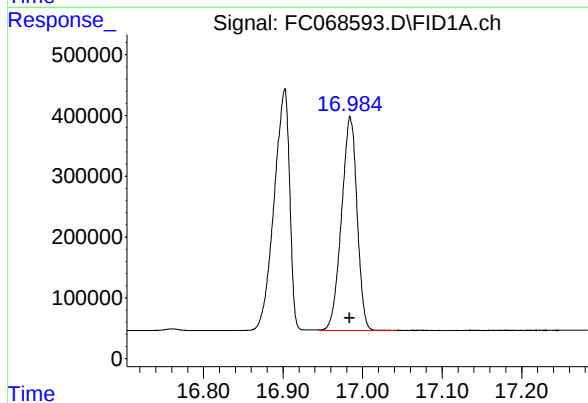
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.006 min
Response: 10158240
Conc: 106.72 ug/ml



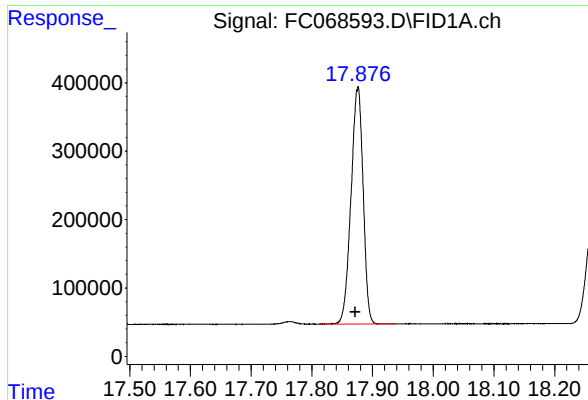
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 4717038
Conc: 50.50 ug/ml



#16 n-Octacosane (C28)

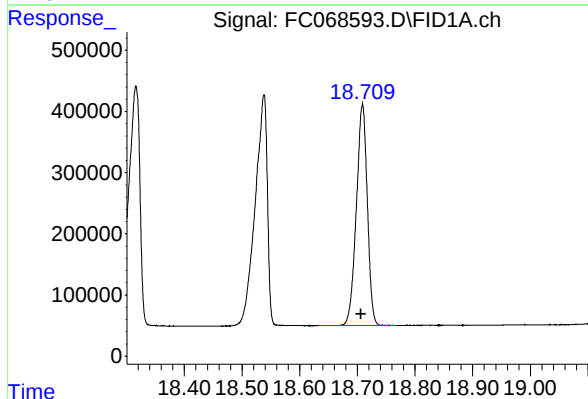
R.T.: 16.985 min
Delta R.T.: 0.000 min
Response: 4779191
Conc: 52.20 ug/ml



#17 n-Tricontane (C30)

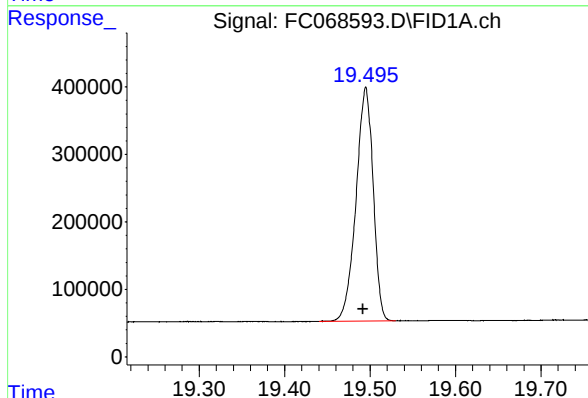
R.T.: 17.876 min
Delta R.T.: 0.004 min
Response: 4797583
Conc: 52.19 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



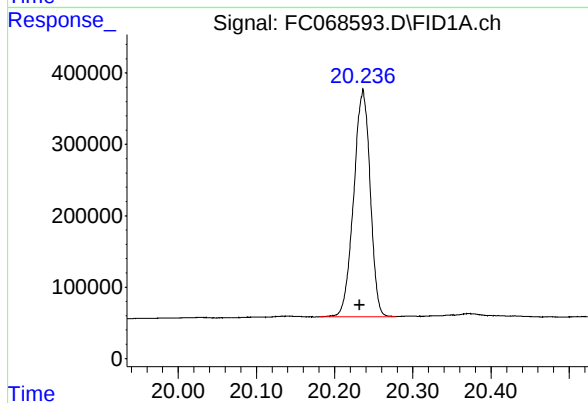
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 4789856
Conc: 52.22 ug/ml



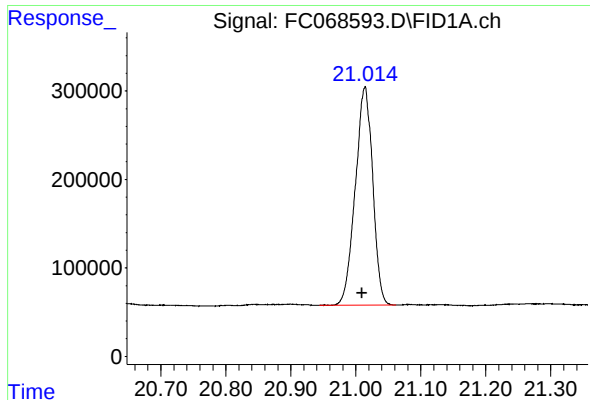
#19 n-Tetatriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 4823075
Conc: 53.99 ug/ml



#20 n-Hexatriacontane (C36)

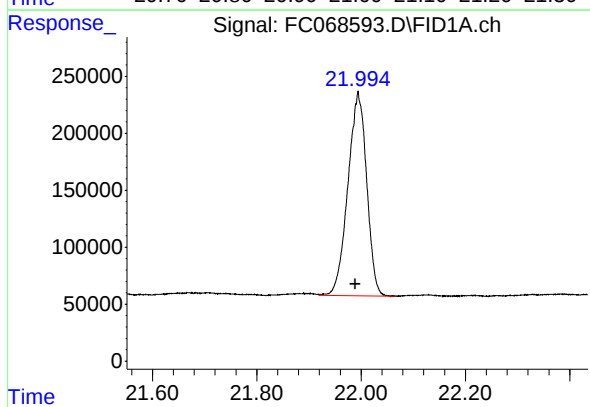
R.T.: 20.236 min
Delta R.T.: 0.004 min
Response: 4667991
Conc: 52.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.004 min
Response: 4597315
Conc: 52.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167574BSD



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.006 min
Response: 4460438
Conc: 50.51 ug/ml