

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082725AL\
 Data File : FE055537.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 15:56
 Operator : YP\AJ
 Sample : PB169422BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169422BSD

Integration File: autoint1.e
 Quant Time: Aug 28 01:14:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.080	6242271	43.712 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
12) S 1-chlorooctadecane (S...	13.516	4952906	46.063 ug/ml
Spiked Amount 50.000		Recovery =	92.13%
Target Compounds			
1) T n-Nonane (C9)	3.429	5064877	44.131 ug/ml
2) T n-Decane (C10)	4.681	5383777	46.214 ug/ml
3) T A~Naphthalene (C11.7)	6.396	6524243	48.605 ug/ml
4) T n-Dodecane (C12)	6.851	5678165	47.683 ug/ml
5) T A~2-methylnaphthalene...	7.496	6000297	46.020 ug/ml
6) T n-Tetradecane (C14)	8.689	5849323	47.707 ug/ml
7) T n-Hexadecane (C16)	10.303	6067951	47.464 ug/ml
8) T n-Octadecane (C18)	11.754	6141978	47.074 ug/ml
10) T n-Eicosane (C20)	13.069	6319019	50.362 ug/ml
11) T n-Heneicosane (C21)	13.683	6103901	49.518 ug/ml
13) T n-Docosane (C22)	14.271	6034999	49.419 ug/ml
14) T n-Tetracosane (C24)	15.379	12699156	104.405 ug/ml
15) T n-Hexacosane (C26)	16.403	5946377	49.700 ug/ml
16) T n-Octacosane (C28)	17.354	5948424	50.145 ug/ml
17) T n-Tricontane (C30)	18.245	5993219	48.706 ug/ml
18) T n-Dotriacontane (C32)	19.079	5907585	48.418 ug/ml
19) T n-Tetratriacontane (C34)	19.864	6085844	52.052 ug/ml
20) T n-Hexatriacontane (C36)	20.605	5551446	50.791 ug/ml
21) T n-Octatriacontane (C38)	21.385	5249538	48.575 ug/ml
22) T n-Tetracontane (C40)	22.372	4734105	45.270 ug/ml

(f)=RT Delta > 1/2 Window

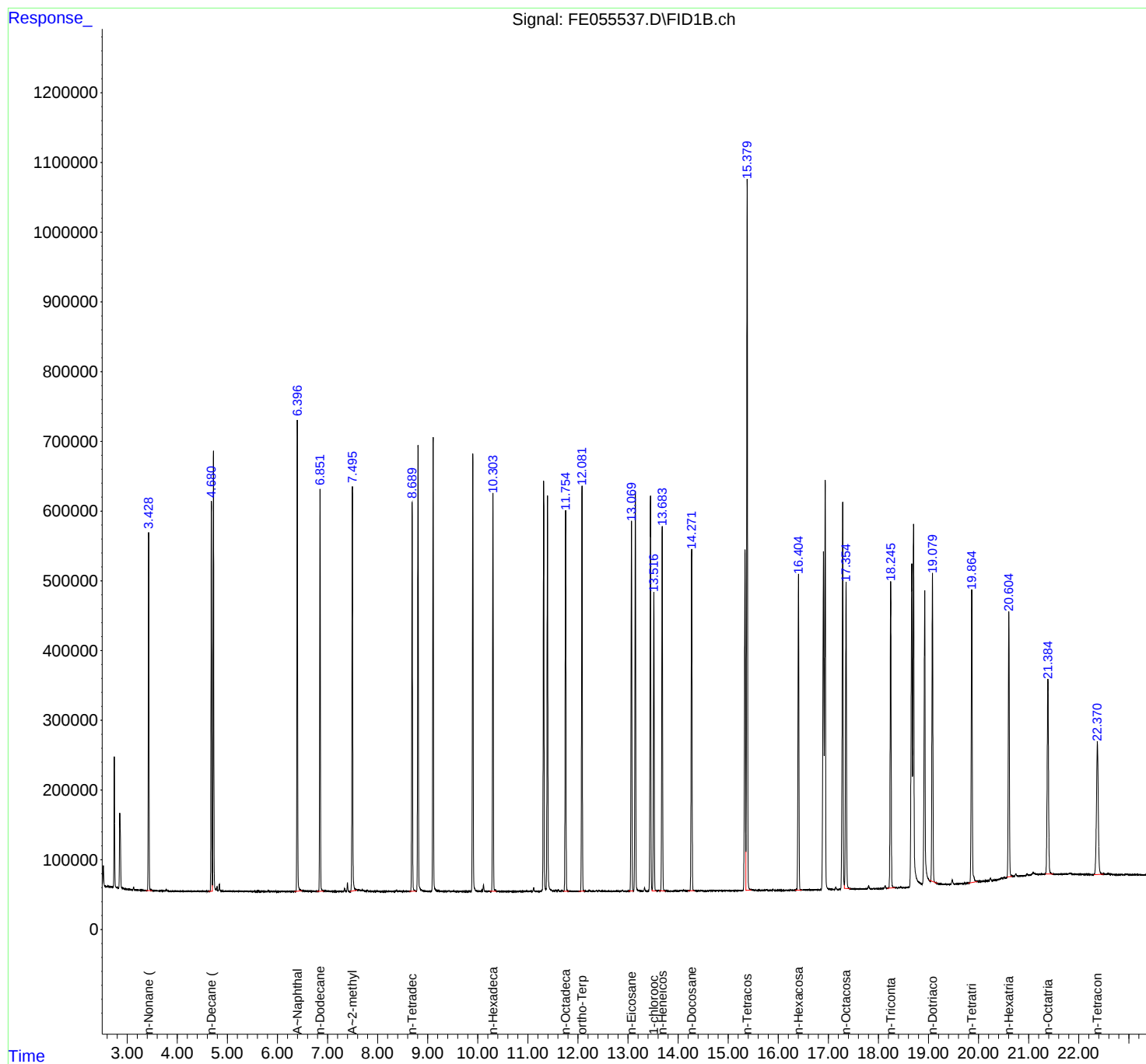
(m)=manual int.

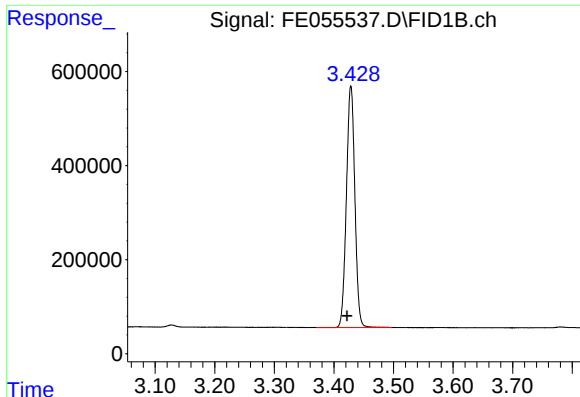
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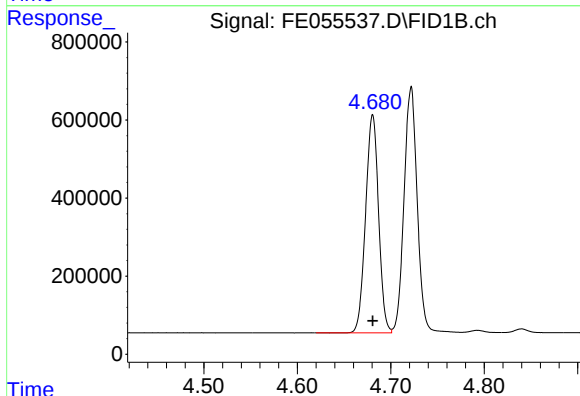




#1 n-Nonane (C9)

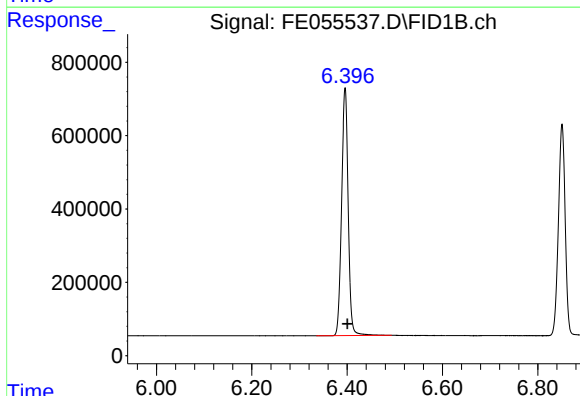
R.T.: 3.429 min
Delta R.T.: 0.006 min
Response: 5064877
Conc: 44.13 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



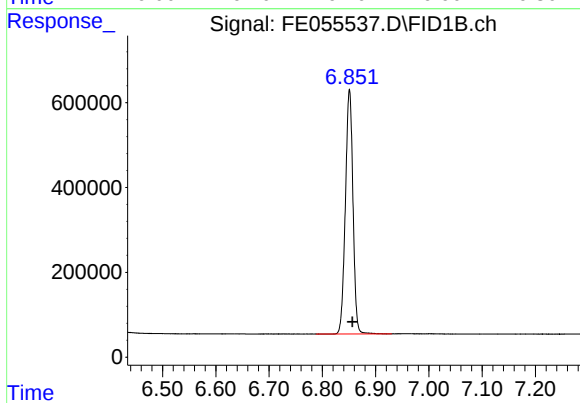
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 5383777
Conc: 46.21 ug/ml



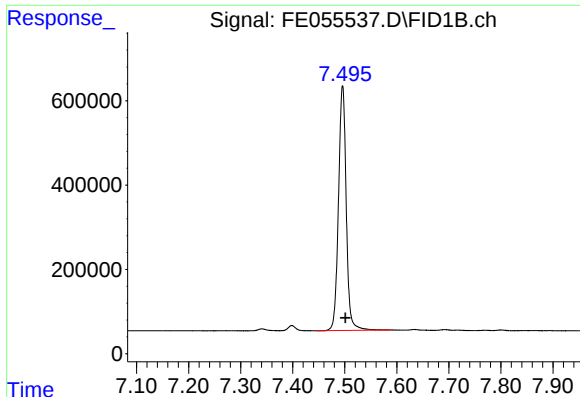
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 6524243
Conc: 48.60 ug/ml



#4 n-Dodecane (C12)

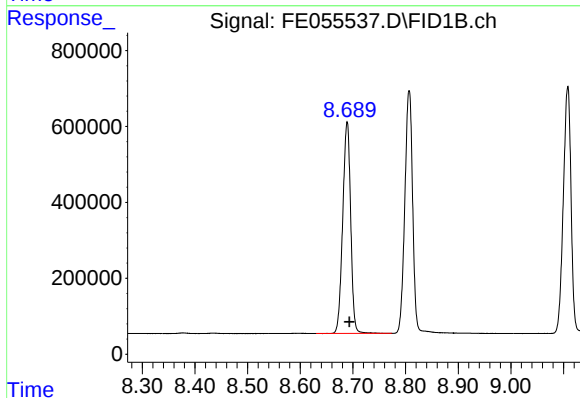
R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 5678165
Conc: 47.68 ug/ml



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

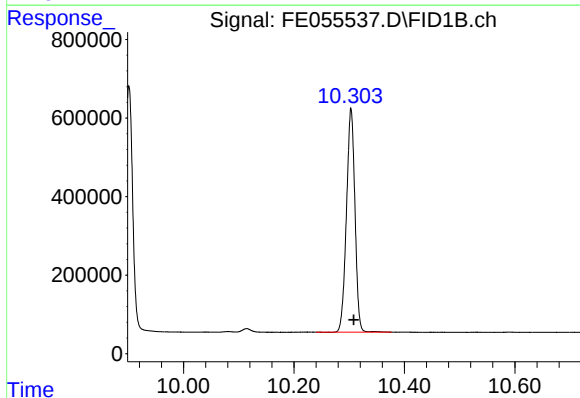
R.T.: 7.496 min
Delta R.T.: -0.006 min
Response: 6000297
Conc: 46.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



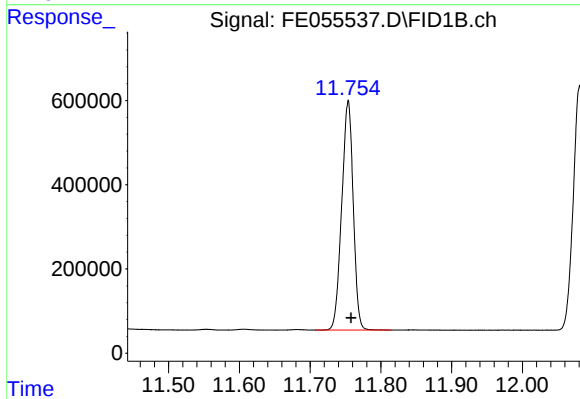
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 5849323
Conc: 47.71 ug/ml



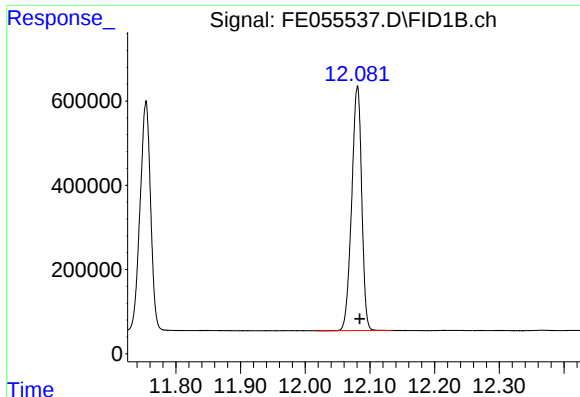
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 6067951
Conc: 47.46 ug/ml



#8 n-Octadecane (C18)

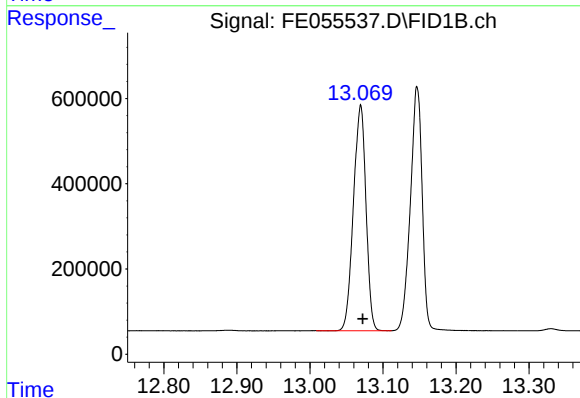
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 6141978
Conc: 47.07 ug/ml



#9 ortho-Terphenyl (SURR)

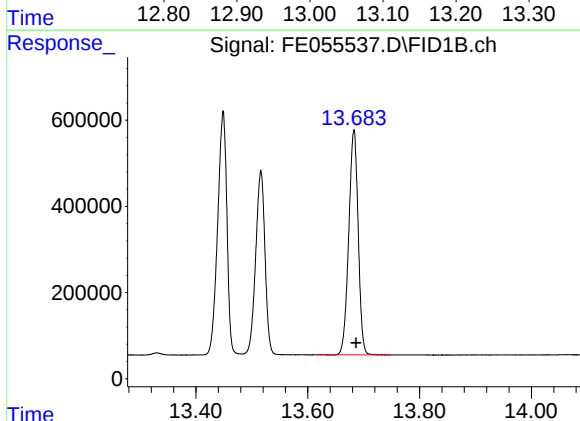
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 6242271
Conc: 43.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



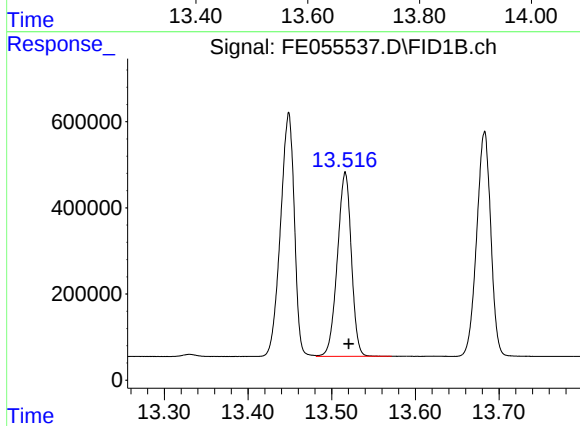
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 6319019
Conc: 50.36 ug/ml



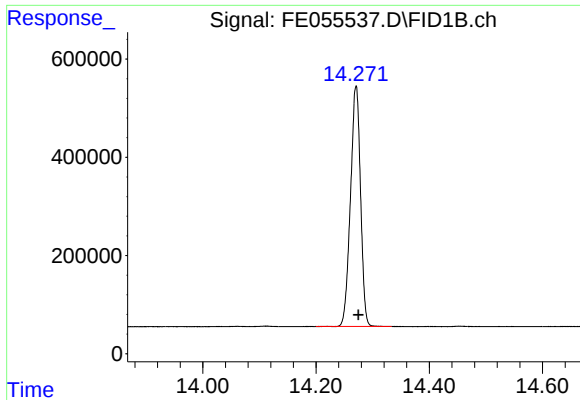
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 6103901
Conc: 49.52 ug/ml



#12 1-chlorooctadecane (SURR)

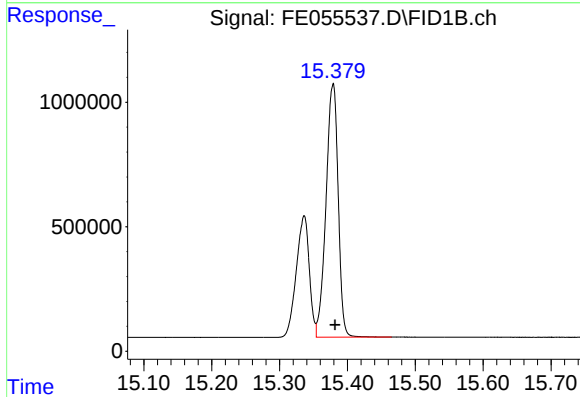
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 4952906
Conc: 46.06 ug/ml



#13 n-Docosane (C22)

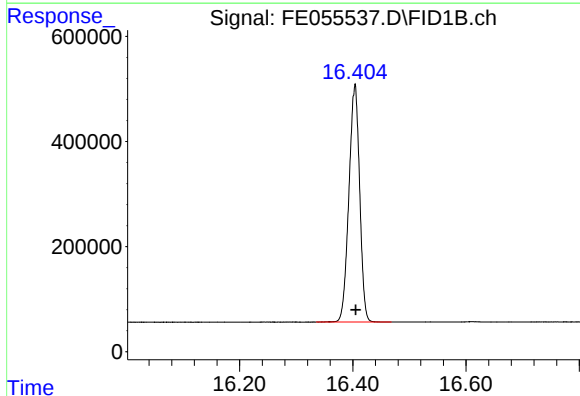
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 6034999
Conc: 49.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



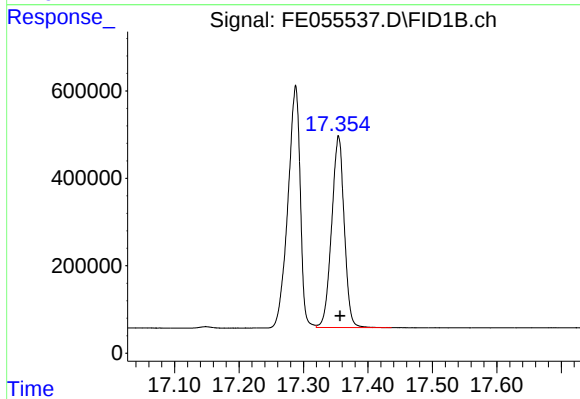
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 12699156
Conc: 104.40 ug/ml



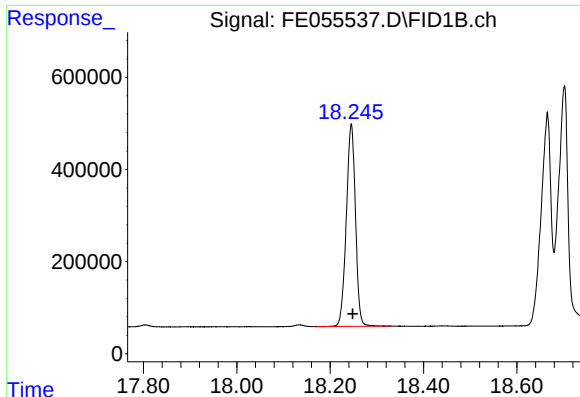
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 5946377
Conc: 49.70 ug/ml



#16 n-Octacosane (C28)

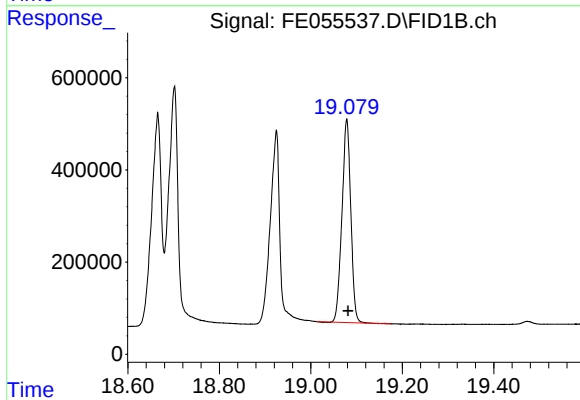
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 5948424
Conc: 50.15 ug/ml



#17 n-Tricontane (C30)

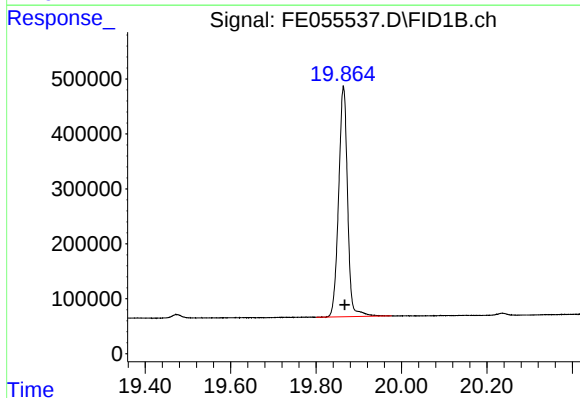
R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 5993219
Conc: 48.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



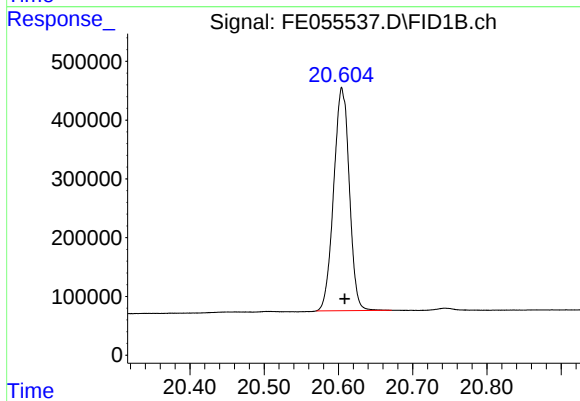
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.003 min
Response: 5907585
Conc: 48.42 ug/ml



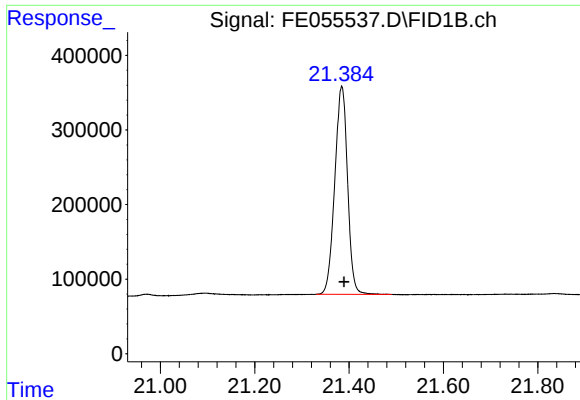
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 6085844
Conc: 52.05 ug/ml



#20 n-Hexatriacontane (C36)

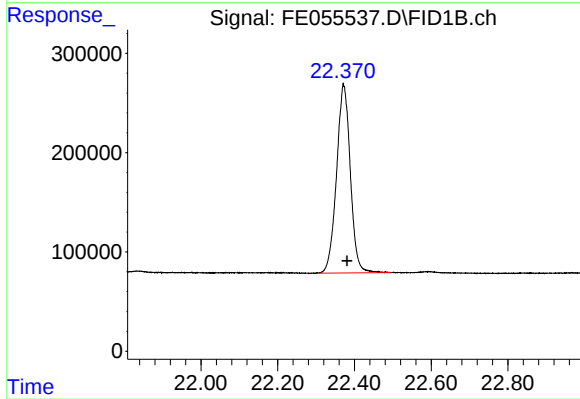
R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 5551446
Conc: 50.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.005 min
Response: 5249538
Conc: 48.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169422BSD



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.009 min
Response: 4734105
Conc: 45.27 ug/ml