

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055249.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 10:51
 Operator : YP\AJ
 Sample : PB169208BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169208BSD

Integration File: autoint1.e
 Quant Time: Aug 13 04:00:35 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)	12.092	6459654	45.234 ug/ml
Spiked Amount 50.000		Recovery =	90.47%
12) S 1-chlorooctadecane (S...	13.528	5083080	47.274 ug/ml
Spiked Amount 50.000		Recovery =	94.55%
Target Compounds			
1) T n-Nonane (C9)	3.437	4662136	40.622 ug/ml
2) T n-Decane (C10)	4.690	4910721	42.154 ug/ml
3) T A~Naphthalene (C11.7)	6.406	5975783	44.519 ug/ml
4) T n-Dodecane (C12)	6.860	5191485	43.596 ug/ml
5) T A~2-methylnaphthalene...	7.507	5499945	42.183 ug/ml
6) T n-Tetradecane (C14)	8.699	5310094	43.309 ug/ml
7) T n-Hexadecane (C16)	10.313	5349620	41.845 ug/ml
8) T n-Octadecane (C18)	11.764	5289798	40.543 ug/ml
10) T n-Eicosane (C20)	13.080	5340924	42.567 ug/ml
11) T n-Heneicosane (C21)	13.694	5138033	41.682 ug/ml
13) T n-Docosane (C22)	14.282	5073433	41.545 ug/ml
14) T n-Tetracosane (C24)	15.392	10556719	86.791 ug/ml
15) T n-Hexacosane (C26)	16.415	4968478	41.527 ug/ml
16) T n-Octacosane (C28)	17.365	4969017	41.889 ug/ml
17) T n-Tricontane (C30)	18.258	5049044	41.033 ug/ml
18) T n-Dotriacontane (C32)	19.090	4952044	40.587 ug/ml
19) T n-Tetratriacontane (C34)	19.876	4869394	41.647 ug/ml
20) T n-Hexatriacontane (C36)	20.617	4096705	37.482 ug/ml
21) T n-Octatriacontane (C38)	21.399	3449867	31.922 ug/ml
22) T n-Tetracontane (C40)	22.396	3130141	29.932 ug/ml

(f)=RT Delta > 1/2 Window

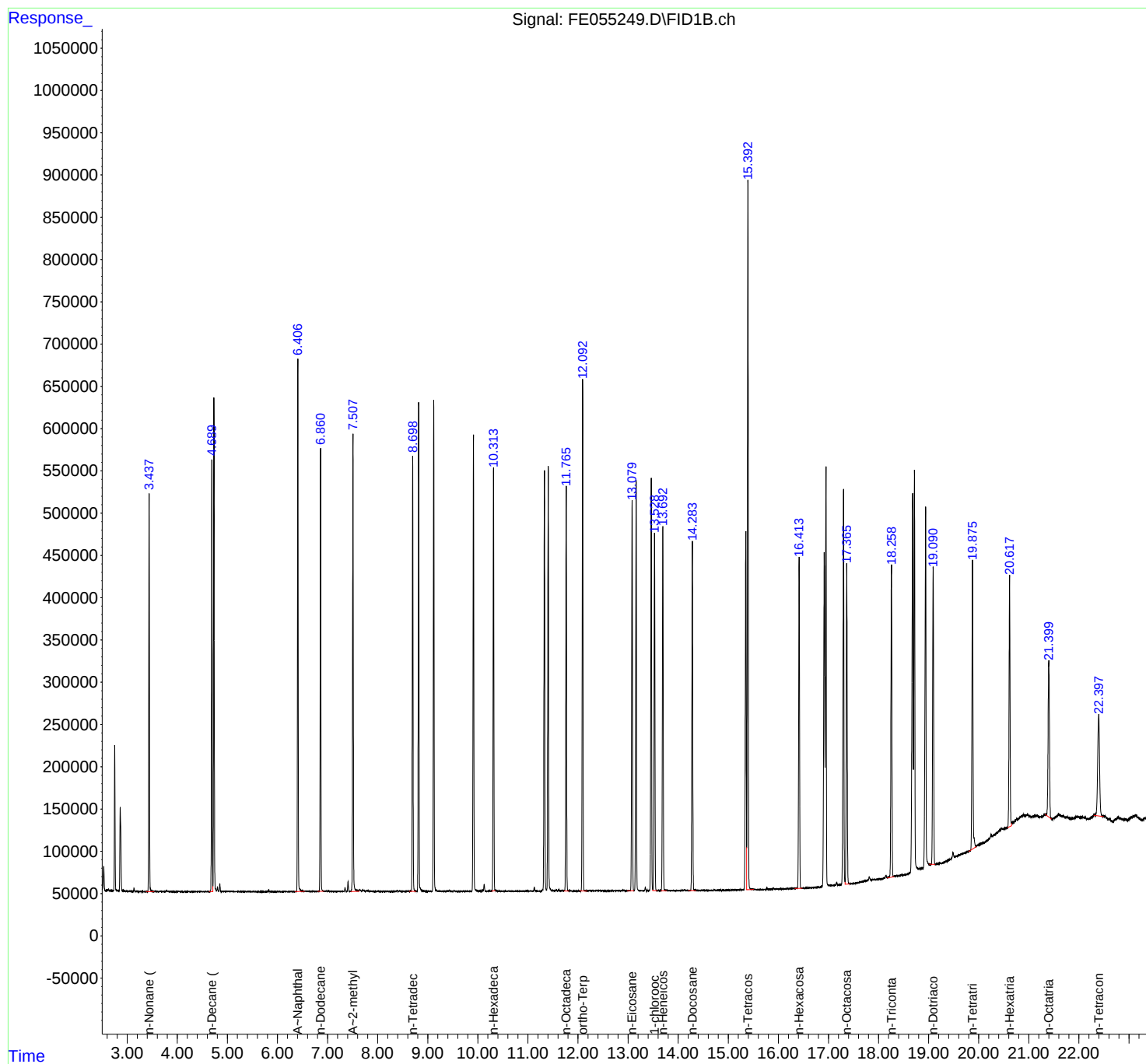
(m)=manual int.

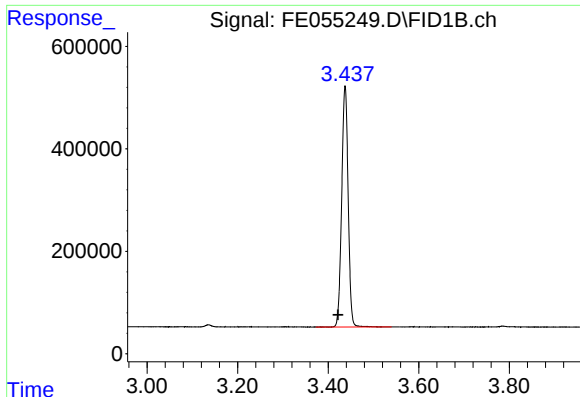
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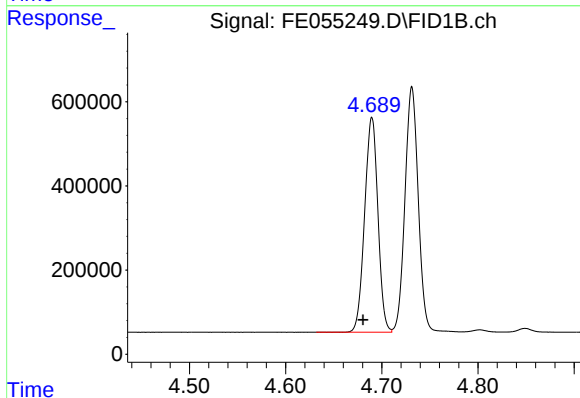




#1 n-Nonane (C9)

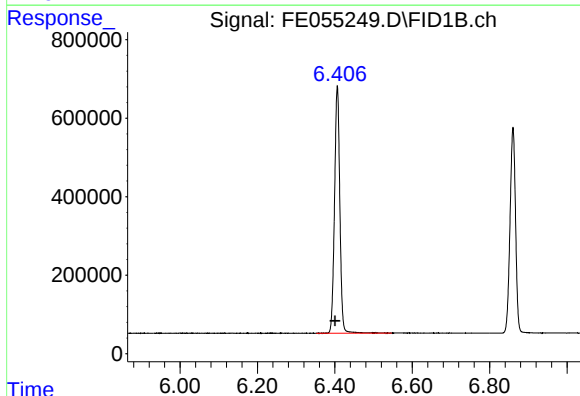
R.T.: 3.437 min
Delta R.T.: 0.015 min
Response: 4662136
Conc: 40.62 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



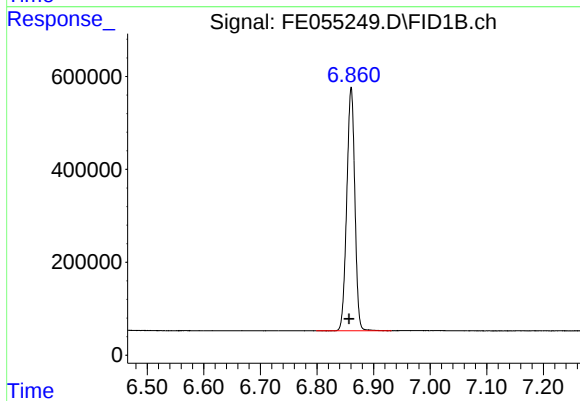
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.009 min
Response: 4910721
Conc: 42.15 ug/ml



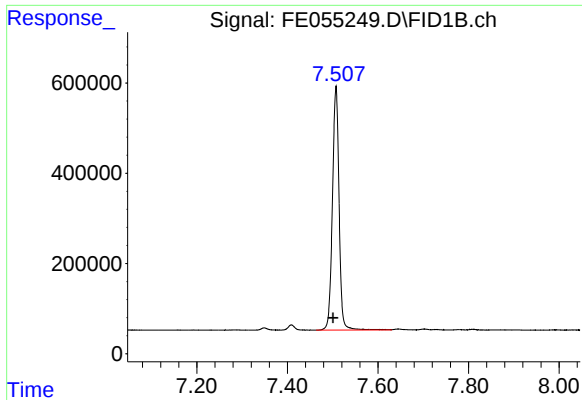
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.006 min
Response: 5975783
Conc: 44.52 ug/ml



#4 n-Dodecane (C12)

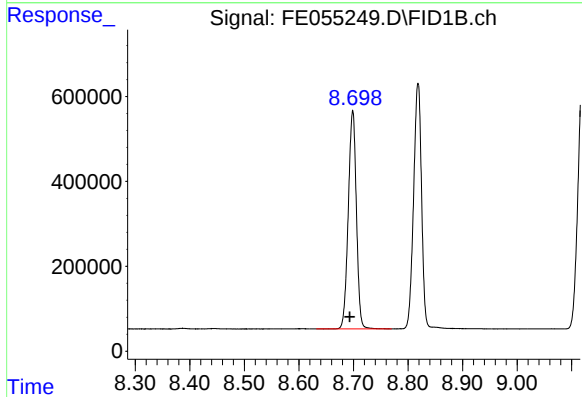
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 5191485
Conc: 43.60 ug/ml



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

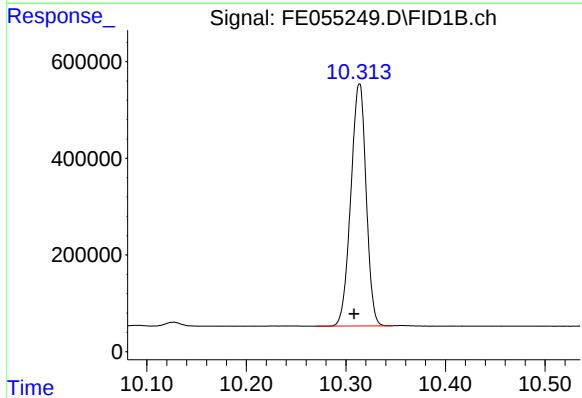
R.T.: 7.507 min
Delta R.T.: 0.006 min
Response: 5499945
Conc: 42.18 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



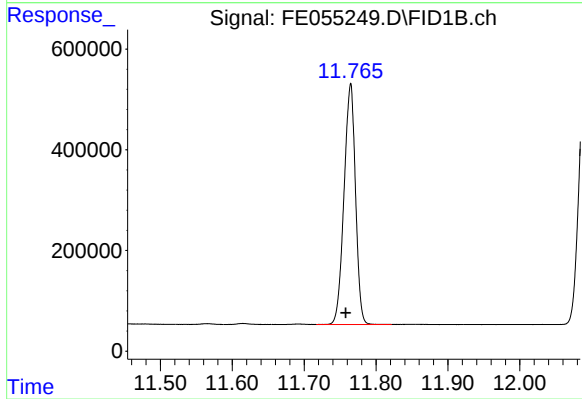
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 5310094
Conc: 43.31 ug/ml



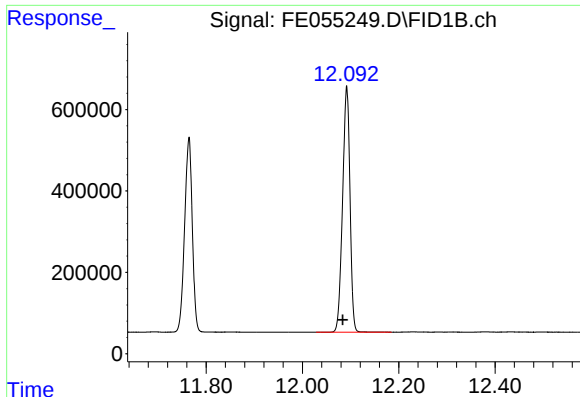
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 5349620
Conc: 41.84 ug/ml



#8 n-Octadecane (C18)

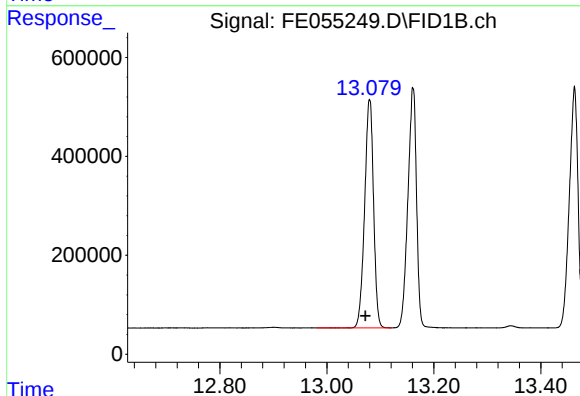
R.T.: 11.764 min
Delta R.T.: 0.007 min
Response: 5289798
Conc: 40.54 ug/ml



#9 ortho-Terphenyl (SURR)

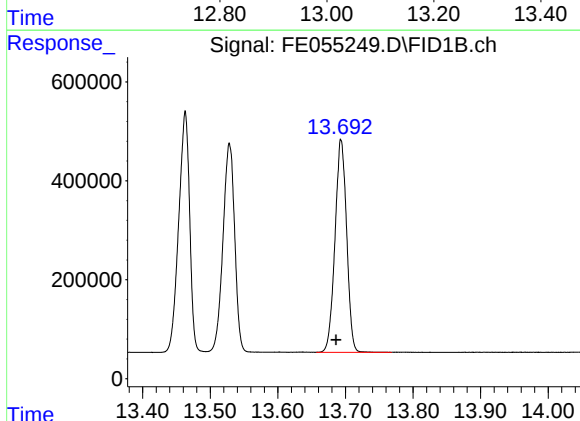
R.T.: 12.092 min
Delta R.T.: 0.008 min
Response: 6459654
Conc: 45.23 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



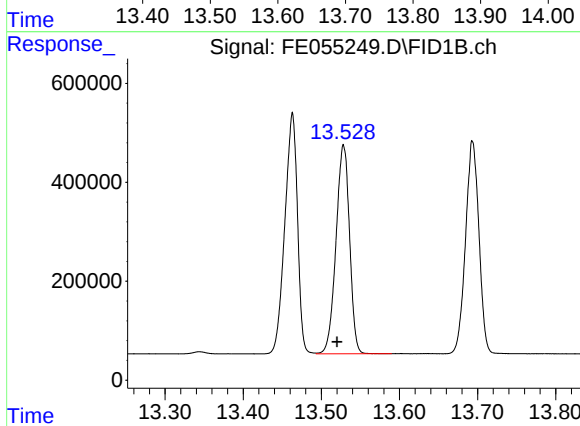
#10 n-Eicosane (C20)

R.T.: 13.080 min
Delta R.T.: 0.007 min
Response: 5340924
Conc: 42.57 ug/ml



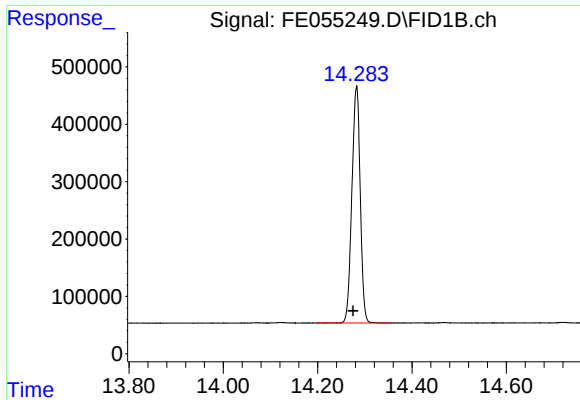
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.007 min
Response: 5138033
Conc: 41.68 ug/ml



#12 1-chlorooctadecane (SURR)

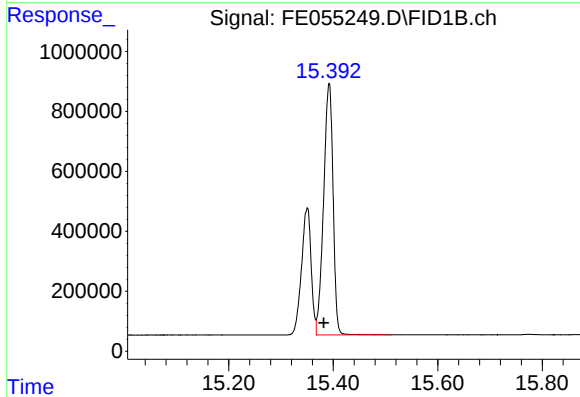
R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 5083080
Conc: 47.27 ug/ml



#13 n-Docosane (C22)

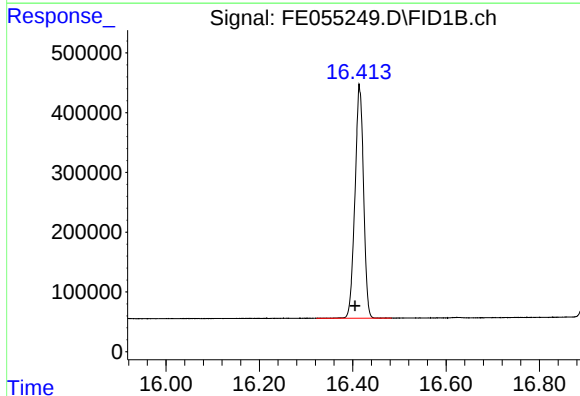
R.T.: 14.282 min
Delta R.T.: 0.007 min
Response: 5073433
Conc: 41.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



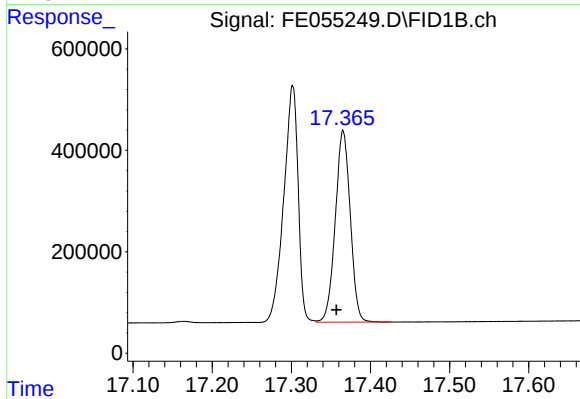
#14 n-Tetracosane (C24)

R.T.: 15.392 min
Delta R.T.: 0.010 min
Response: 10556719
Conc: 86.79 ug/ml



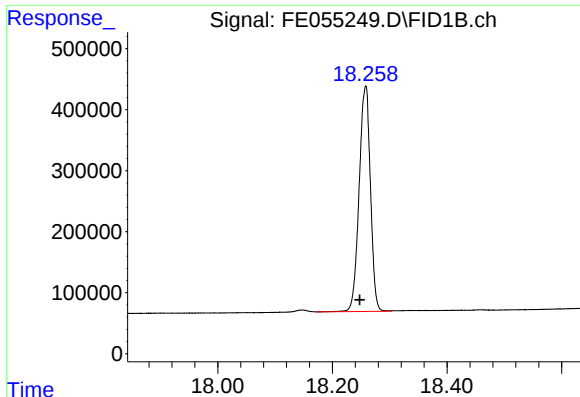
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: 0.010 min
Response: 4968478
Conc: 41.53 ug/ml



#16 n-Octacosane (C28)

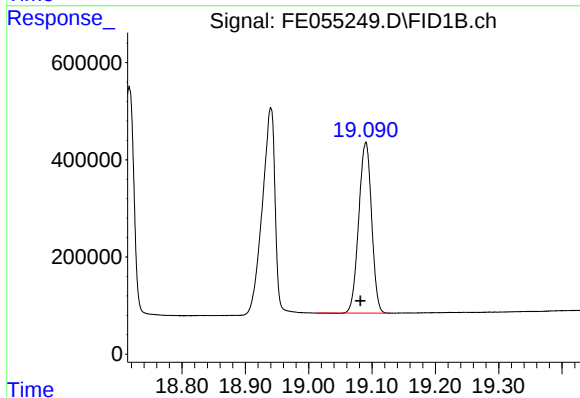
R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 4969017
Conc: 41.89 ug/ml



#17 n-Tricontane (C30)

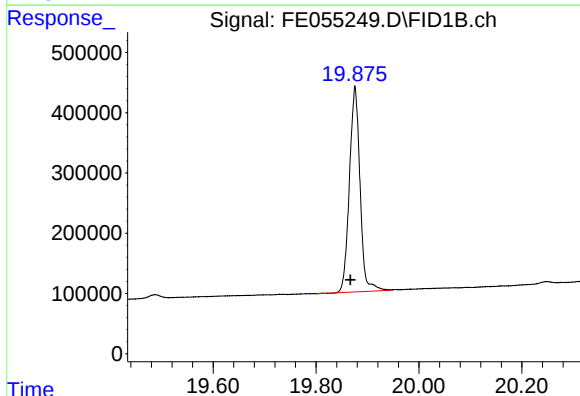
R.T.: 18.258 min
Delta R.T.: 0.010 min
Response: 5049044
Conc: 41.03 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



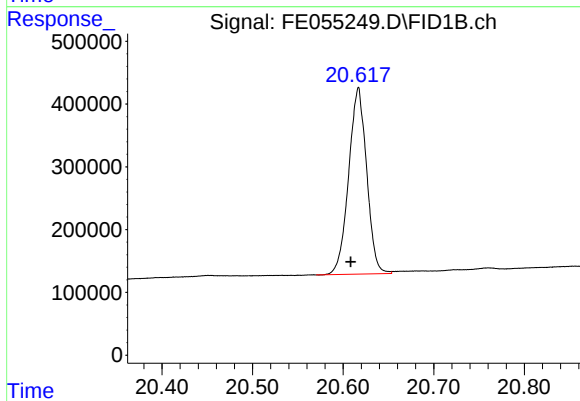
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: 0.009 min
Response: 4952044
Conc: 40.59 ug/ml



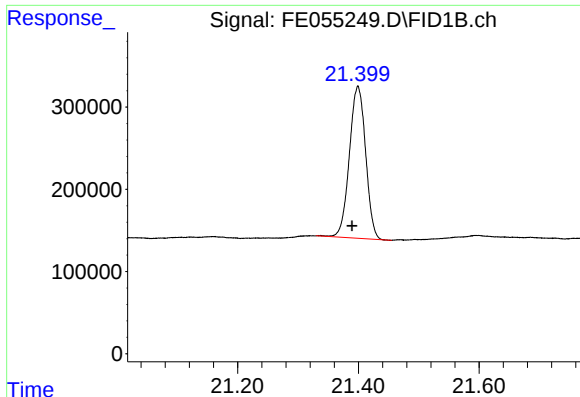
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 4869394
Conc: 41.65 ug/ml



#20 n-Hexatriacontane (C36)

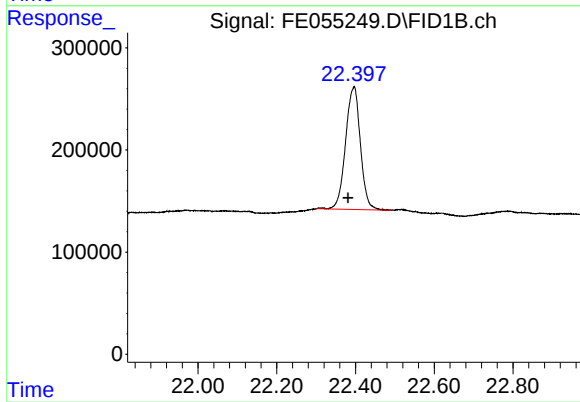
R.T.: 20.617 min
Delta R.T.: 0.008 min
Response: 4096705
Conc: 37.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: 0.010 min
Response: 3449867
Conc: 31.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BSD



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 3130141
Conc: 29.93 ug/ml