

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052700.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 15:01
 Operator : YP\AJ
 Sample : PB167046BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167046BSD

Integration File: autoint1.e
 Quant Time: Mar 11 05:18:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.916	6258101	37.121 ug/ml
Spiked Amount 50.000		Recovery =	74.24%
12) S 1-chlorooctadecane (S...	13.361	4745686	39.083 ug/ml
Spiked Amount 50.000		Recovery =	78.17%
Target Compounds			
1) T n-Nonane (C9)	3.264	6330469	40.829 ug/ml
2) T n-Decane (C10)	4.521	6574794	41.852 ug/ml
3) T A~Naphthalene (C11.7)	6.230	7189194	42.391 ug/ml
4) T n-Dodecane (C12)	6.697	6597432	42.373 ug/ml
5) T A~2-methylnaphthalene...	7.333	6520534	40.236 ug/ml
6) T n-Tetradecane (C14)	8.536	6518385	43.080 ug/ml
7) T n-Hexadecane (C16)	10.150	6359921	41.599 ug/ml
8) T n-Octadecane (C18)	11.601	6294868	41.375 ug/ml
10) T n-Eicosane (C20)	12.915	6332826	43.622 ug/ml
11) T n-Heneicosane (C21)	13.529	6065433	42.616 ug/ml
13) T n-Docosane (C22)	14.119	6021404	42.312 ug/ml
14) T n-Tetracosane (C24)	15.215	12278956	85.802 ug/ml
15) T n-Hexacosane (C26)	16.251	5876786	41.329 ug/ml
16) T n-Octacosane (C28)	17.202	5917302	41.614 ug/ml
17) T n-Tricontane (C30)	18.094	5893793	39.904 ug/ml
18) T n-Dotriacontane (C32)	18.928	5872303	40.449 ug/ml
19) T n-Tetratriacontane (C34)	19.715	5980822	44.375 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5808335	48.882 ug/ml
21) T n-Octatriacontane (C38)	21.201	5852649	52.757 ug/ml
22) T n-Tetracontane (C40)	22.127	5865421	54.251 ug/ml

(f)=RT Delta > 1/2 Window

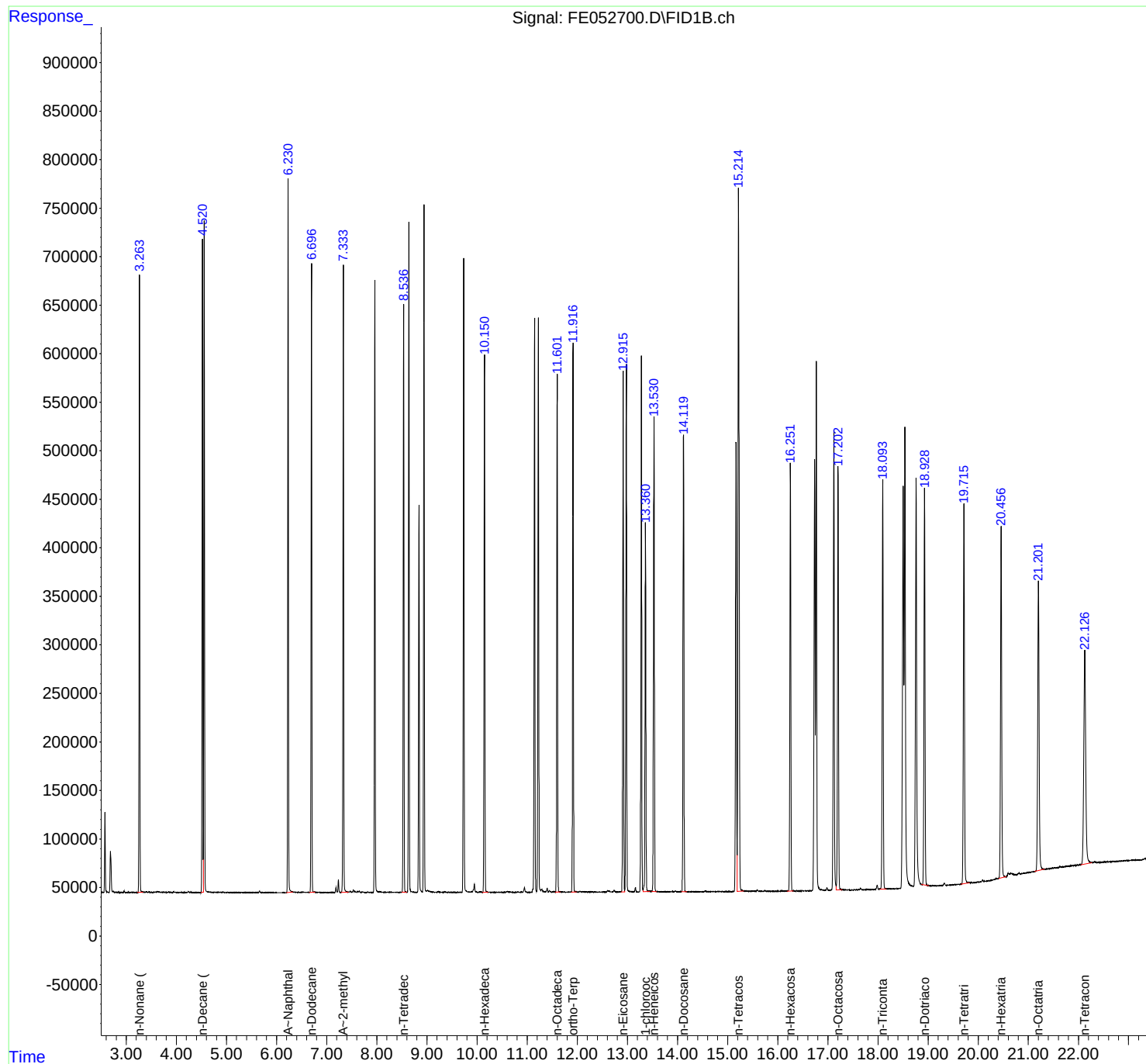
(m)=manual int.

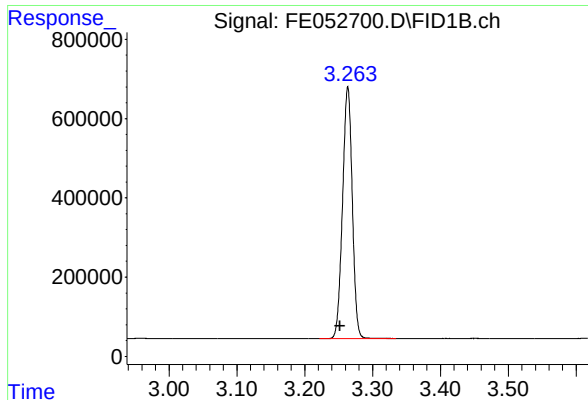
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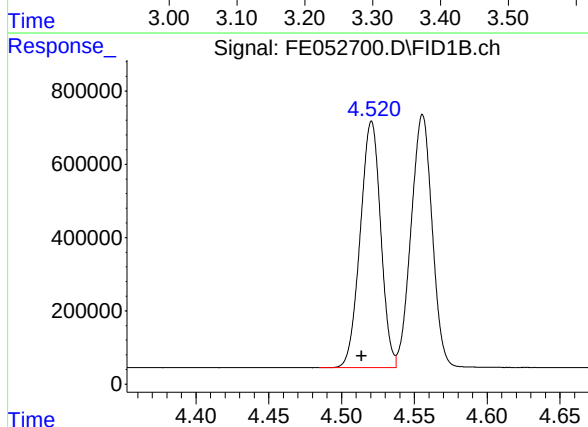




#1 n-Nonane (C9)

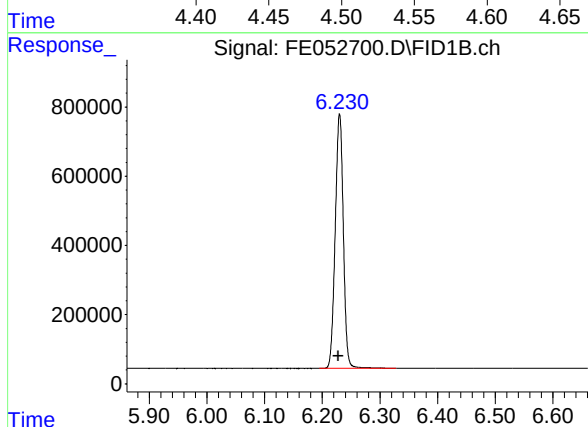
R.T.: 3.264 min
Delta R.T.: 0.012 min
Response: 6330469
Conc: 40.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



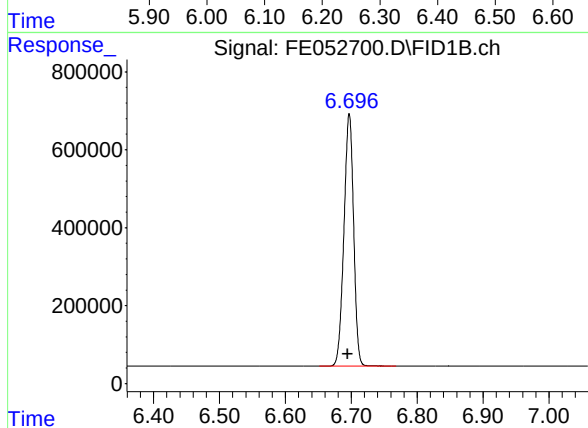
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 6574794
Conc: 41.85 ug/ml



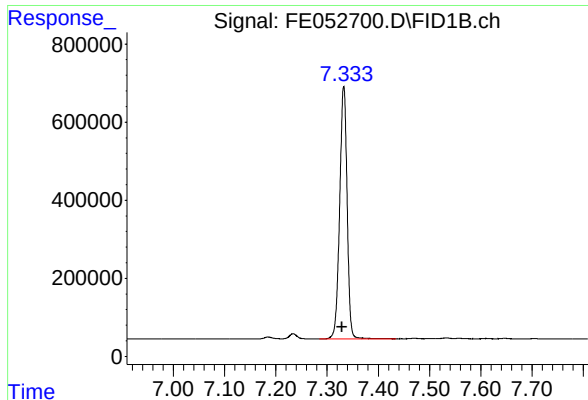
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 7189194
Conc: 42.39 ug/ml



#4 n-Dodecane (C12)

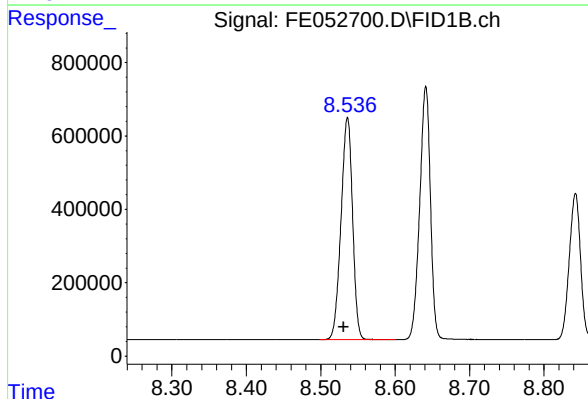
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 6597432
Conc: 42.37 ug/ml



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

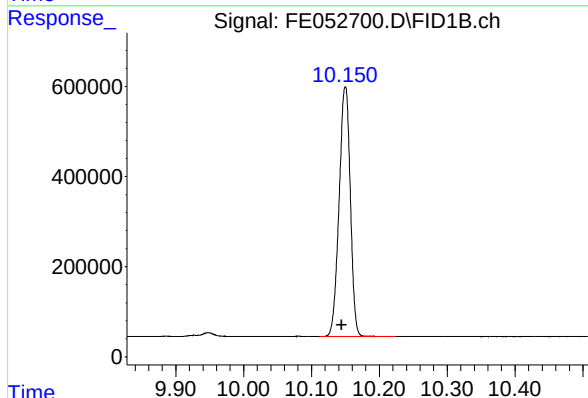
R.T.: 7.333 min
Delta R.T.: 0.003 min
Response: 6520534
Conc: 40.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



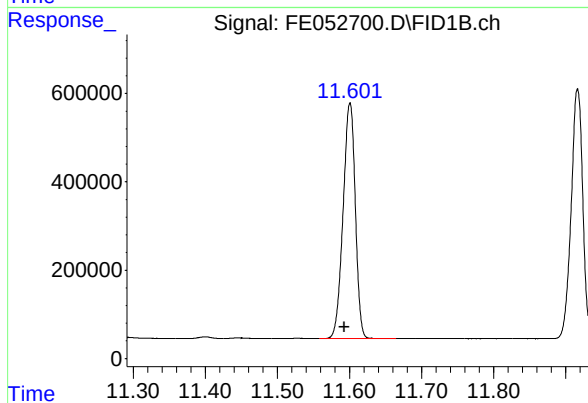
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.005 min
Response: 6518385
Conc: 43.08 ug/ml



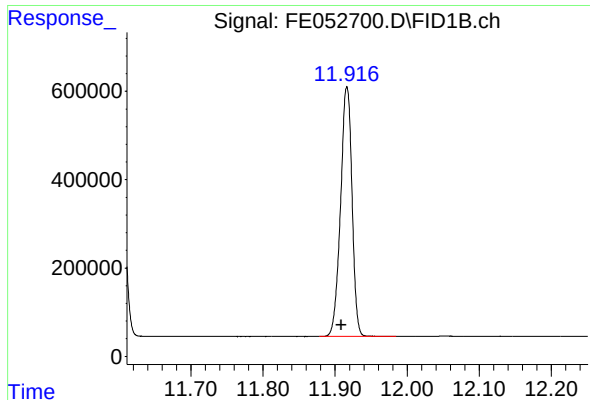
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.005 min
Response: 6359921
Conc: 41.60 ug/ml



#8 n-Octadecane (C18)

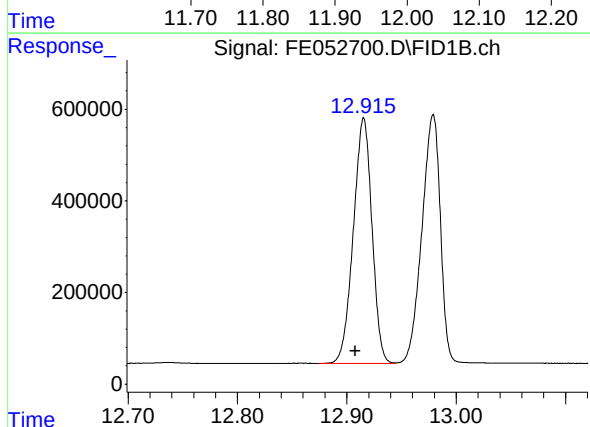
R.T.: 11.601 min
Delta R.T.: 0.007 min
Response: 6294868
Conc: 41.38 ug/ml



#9 ortho-Terphenyl (SURR)

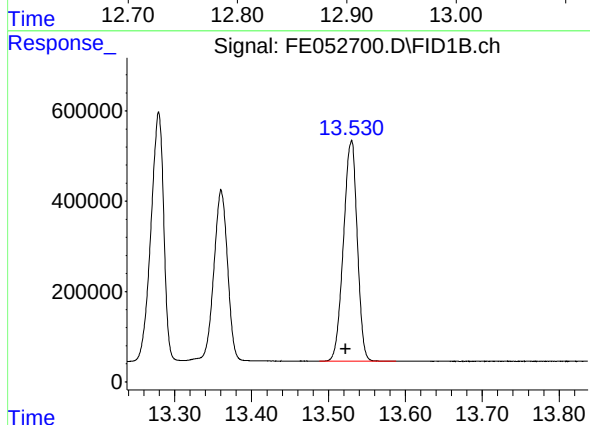
R.T.: 11.916 min
Delta R.T.: 0.008 min
Response: 6258101
Conc: 37.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



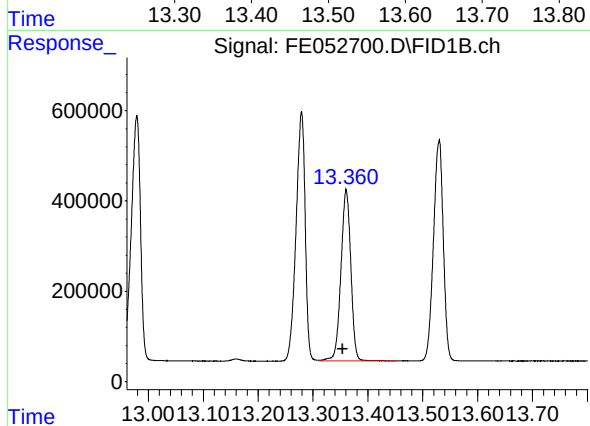
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.008 min
Response: 6332826
Conc: 43.62 ug/ml



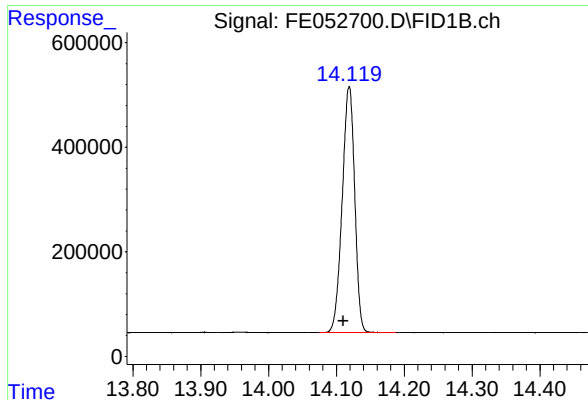
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.007 min
Response: 6065433
Conc: 42.62 ug/ml



#12 1-chlorooctadecane (SURR)

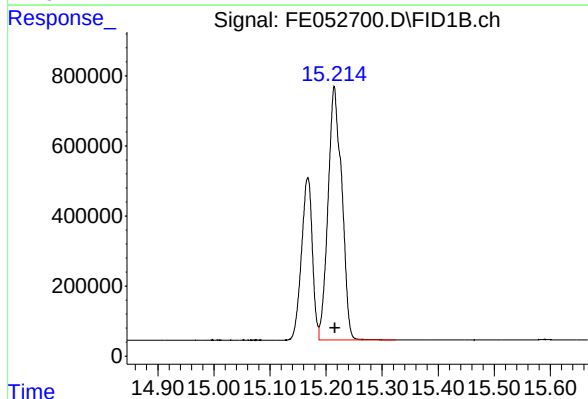
R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 4745686
Conc: 39.08 ug/ml



#13 n-Docosane (C22)

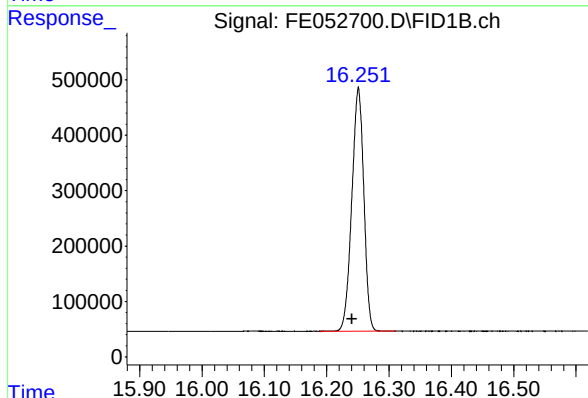
R.T.: 14.119 min
Delta R.T.: 0.009 min
Response: 6021404
Conc: 42.31 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



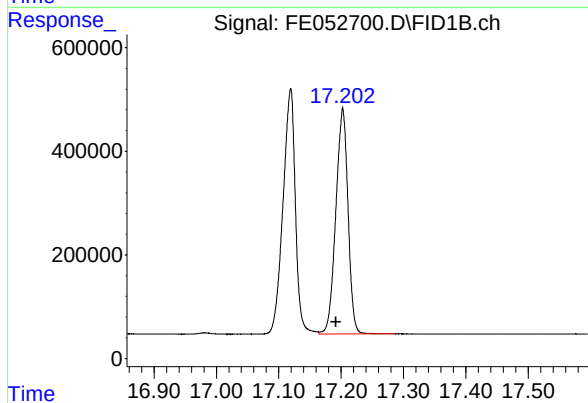
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.001 min
Response: 12278956
Conc: 85.80 ug/ml



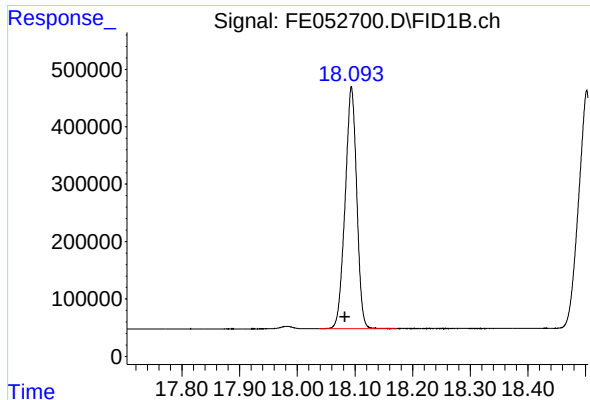
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.010 min
Response: 5876786
Conc: 41.33 ug/ml



#16 n-Octacosane (C28)

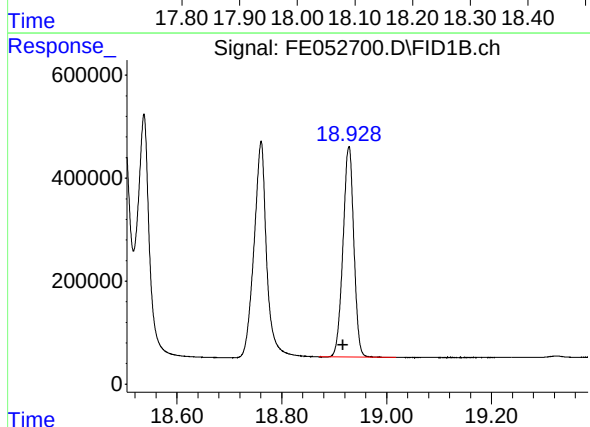
R.T.: 17.202 min
Delta R.T.: 0.010 min
Response: 5917302
Conc: 41.61 ug/ml



#17 n-Tricontane (C30)

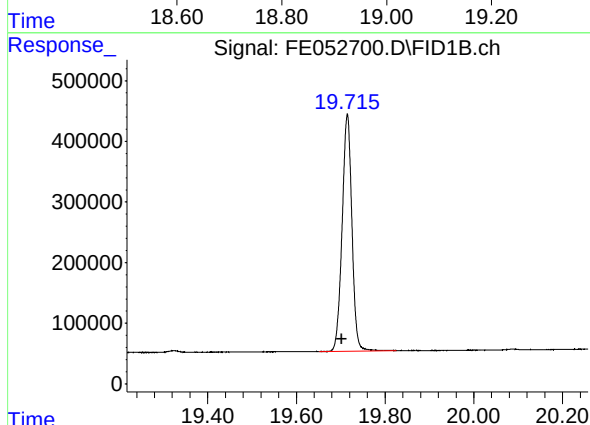
R.T.: 18.094 min
Delta R.T.: 0.011 min
Response: 5893793
Conc: 39.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



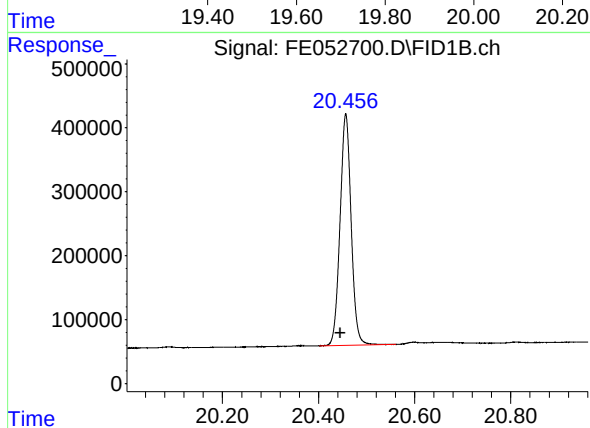
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.011 min
Response: 5872303
Conc: 40.45 ug/ml



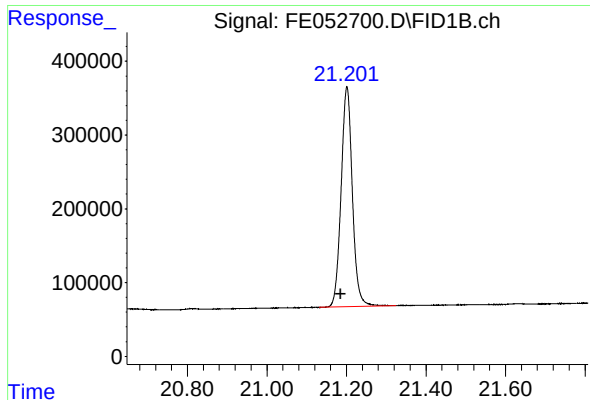
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.012 min
Response: 5980822
Conc: 44.37 ug/ml



#20 n-Hexatriacontane (C36)

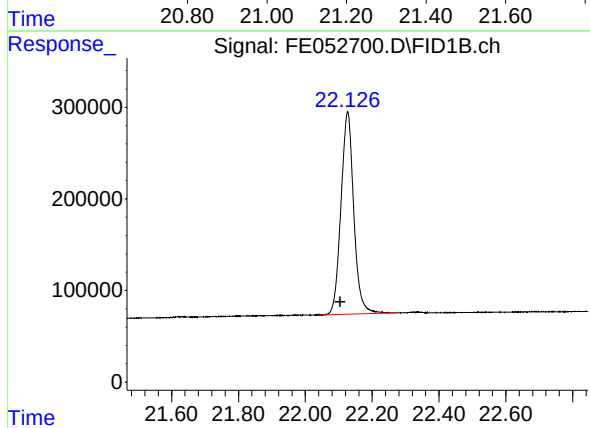
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 5808335
Conc: 48.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.016 min
Response: 5852649
Conc: 52.76 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167046BSD



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.022 min
Response: 5865421
Conc: 54.25 ug/ml