

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054048.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 14:34
 Operator : YP\AJ
 Sample : PB168176BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168176BS

Integration File: autoint1.e
 Quant Time: May 28 17:30:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.844	6714161	41.315 ug/ml
Spiked Amount 50.000		Recovery =	82.63%
12) S 1-chlorooctadecane (S...	13.288	5426399	45.773 ug/ml
Spiked Amount 50.000		Recovery =	91.55%
Target Compounds			
1) T n-Nonane (C9)	3.195	4105290	30.375 ug/ml
2) T n-Decane (C10)	4.456	4357550	32.247 ug/ml
3) T A~Naphthalene (C11.7)	6.167	5607954	39.021 ug/ml
4) T n-Dodecane (C12)	6.635	4926240	36.115 ug/ml
5) T A~2-methylnaphthalene...	7.269	5337636	38.481 ug/ml
6) T n-Tetradecane (C14)	8.471	5259200	38.972 ug/ml
7) T n-Hexadecane (C16)	10.082	5472648	40.558 ug/ml
8) T n-Octadecane (C18)	11.529	5498285	40.831 ug/ml
10) T n-Eicosane (C20)	12.843	5744009	43.704 ug/ml
11) T n-Heneicosane (C21)	13.456	5509748	42.499 ug/ml
13) T n-Docosane (C22)	14.044	5469867	42.875 ug/ml
14) T n-Tetracosane (C24)	15.142	11409189	91.189 ug/ml
15) T n-Hexacosane (C26)	16.174	5306967	43.339 ug/ml
16) T n-Octacosane (C28)	17.123	5424347	44.621 ug/ml
17) T n-Tricontane (C30)	18.014	5208299	41.812 ug/ml
18) T n-Dotriacontane (C32)	18.847	5107770	40.844 ug/ml
19) T n-Tetratriacontane (C34)	19.632	5197165	43.629 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5301104	45.783 ug/ml
21) T n-Octatriacontane (C38)	21.104	5490573	50.453 ug/ml
22) T n-Tetracontane (C40)	21.999	5367364	54.090 ug/ml

(f)=RT Delta > 1/2 Window

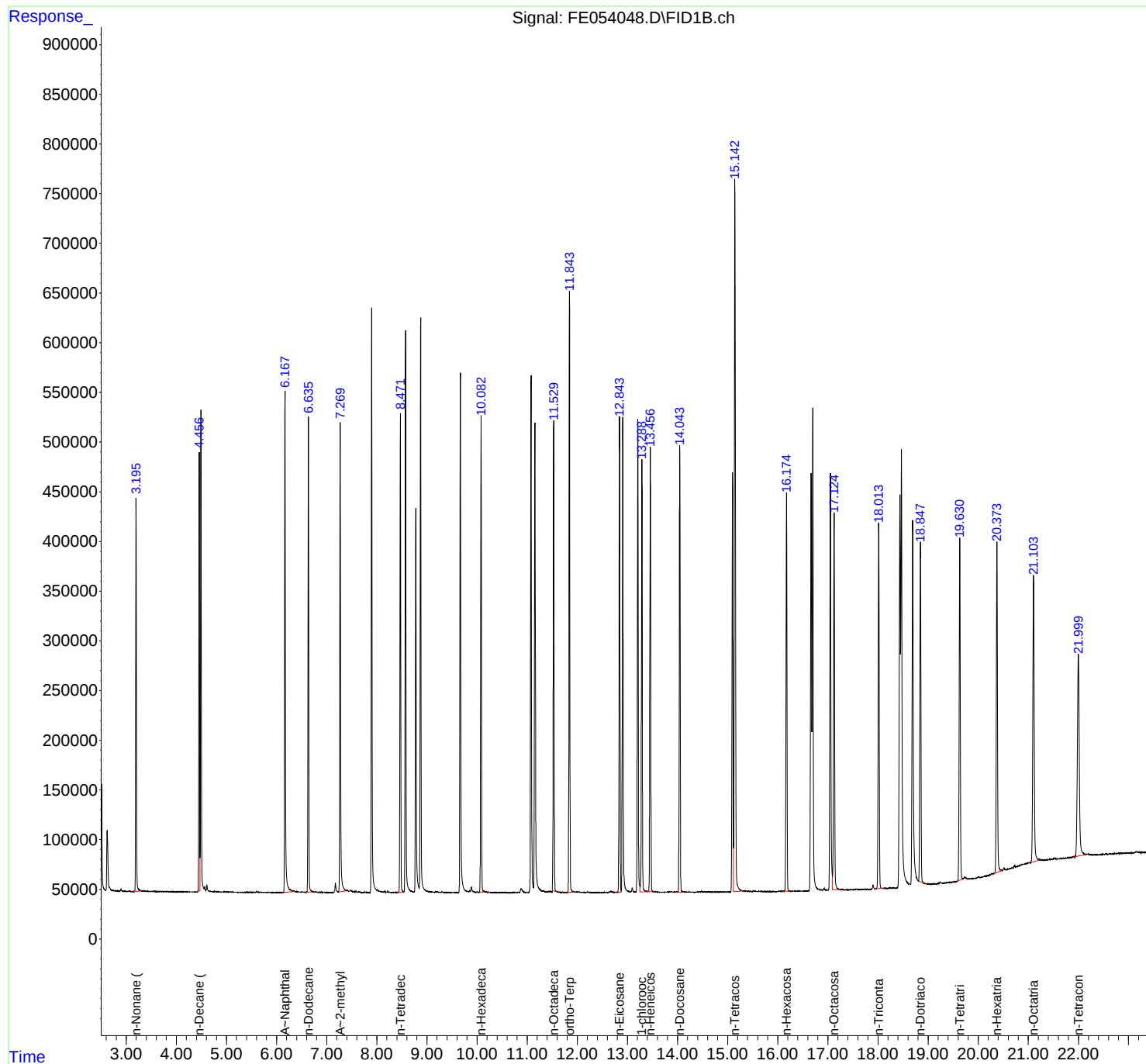
(m)=manual int.

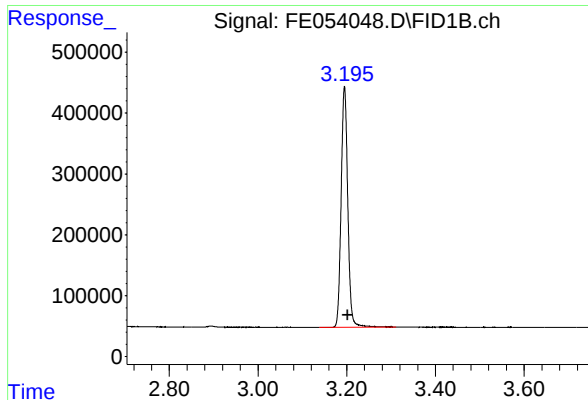
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
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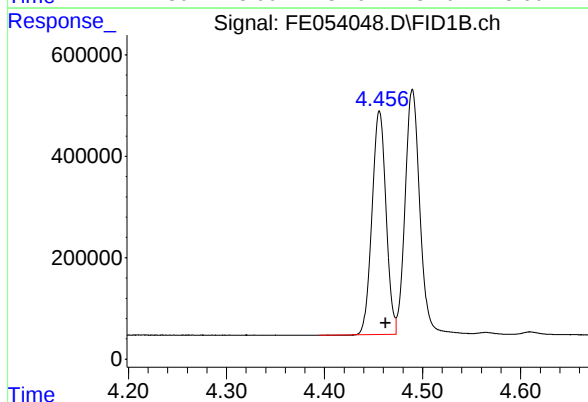




#1 n-Nonane (C9)

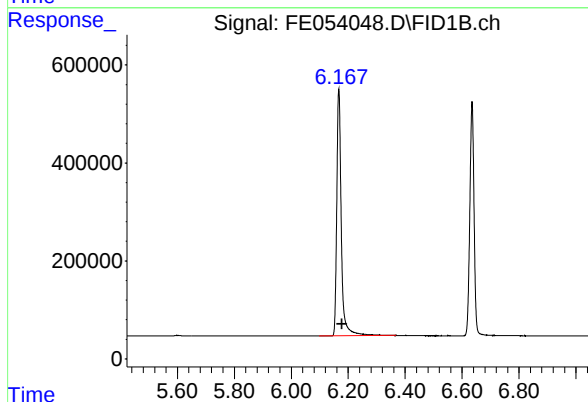
R.T.: 3.195 min
Delta R.T.: -0.007 min
Response: 4105290
Conc: 30.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



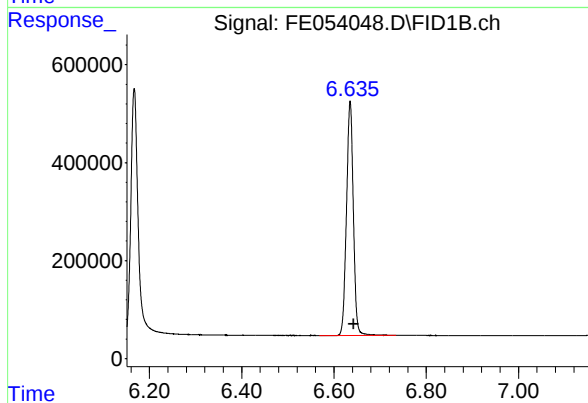
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.006 min
Response: 4357550
Conc: 32.25 ug/ml



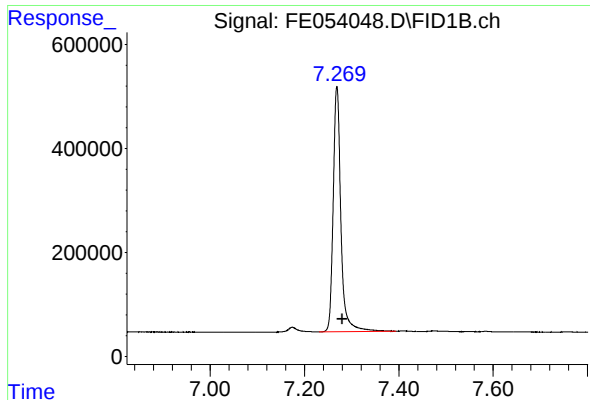
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.011 min
Response: 5607954
Conc: 39.02 ug/ml



#4 n-Dodecane (C12)

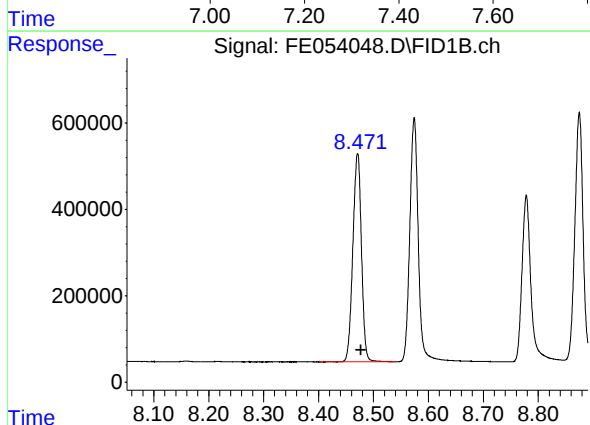
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 4926240
Conc: 36.11 ug/ml



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

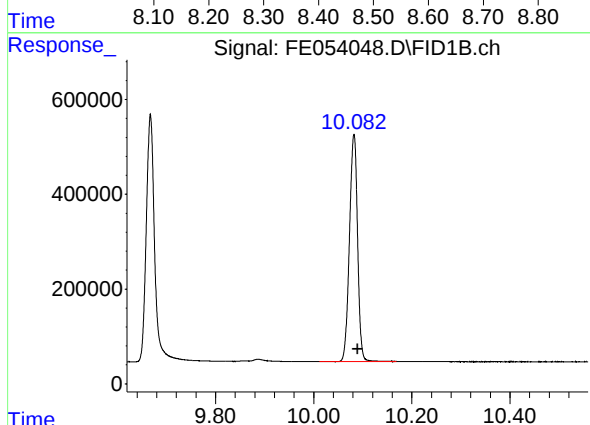
R.T.: 7.269 min
Delta R.T.: -0.011 min
Response: 5337636
Conc: 38.48 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



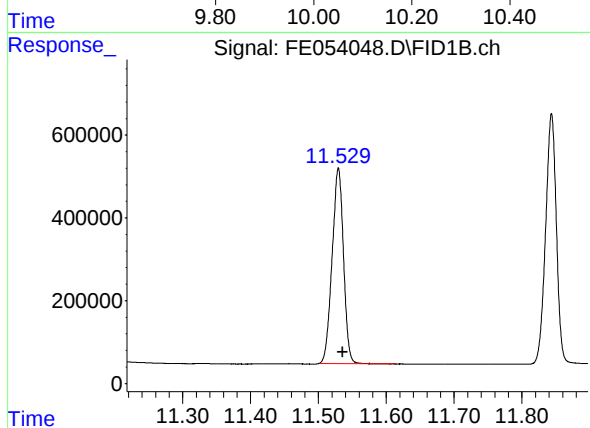
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.006 min
Response: 5259200
Conc: 38.97 ug/ml



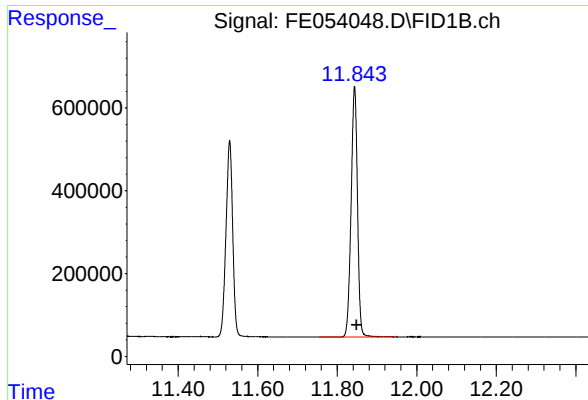
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 5472648
Conc: 40.56 ug/ml



#8 n-Octadecane (C18)

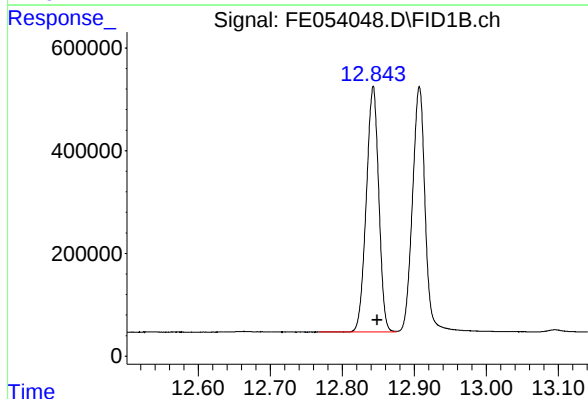
R.T.: 11.529 min
Delta R.T.: -0.006 min
Response: 5498285
Conc: 40.83 ug/ml



#9 ortho-Terphenyl (SURR)

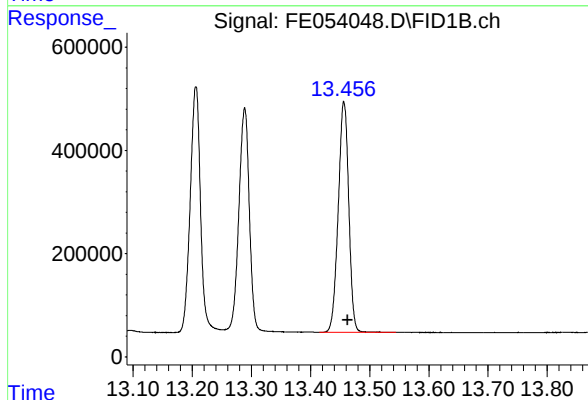
R.T.: 11.844 min
Delta R.T.: -0.005 min
Response: 6714161
Conc: 41.31 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



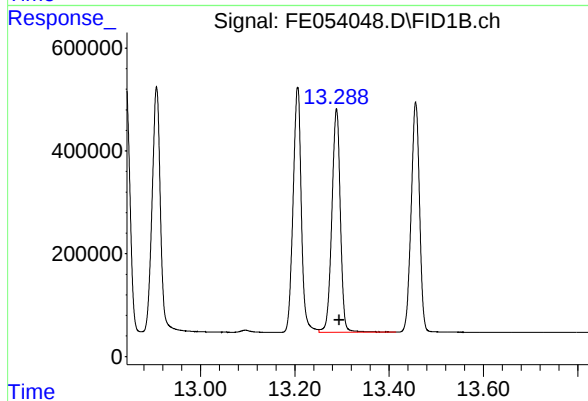
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.006 min
Response: 5744009
Conc: 43.70 ug/ml



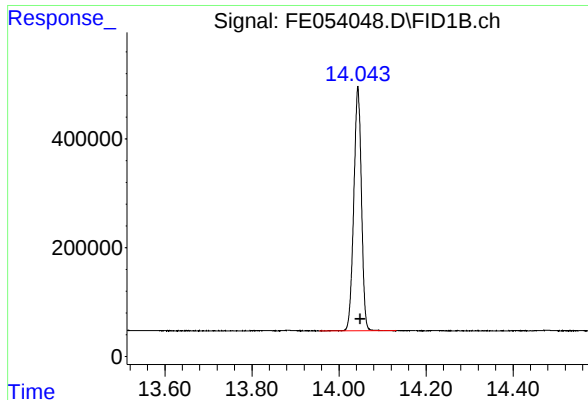
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.006 min
Response: 5509748
Conc: 42.50 ug/ml



#12 1-chlorooctadecane (SURR)

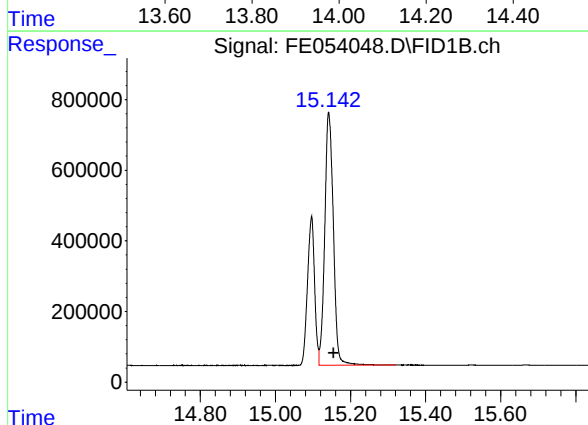
R.T.: 13.288 min
Delta R.T.: -0.006 min
Response: 5426399
Conc: 45.77 ug/ml



#13 n-Docosane (C22)

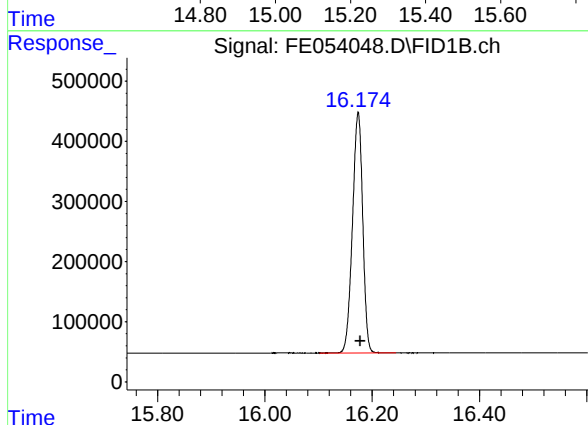
R.T.: 14.044 min
Delta R.T.: -0.006 min
Response: 5469867
Conc: 42.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



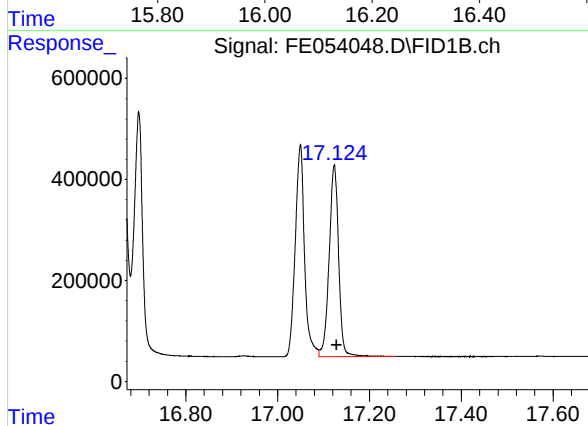
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.012 min
Response: 11409189
Conc: 91.19 ug/ml



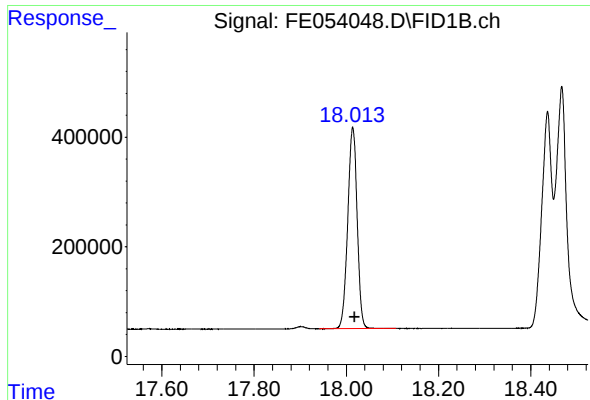
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.004 min
Response: 5306967
Conc: 43.34 ug/ml



#16 n-Octacosane (C28)

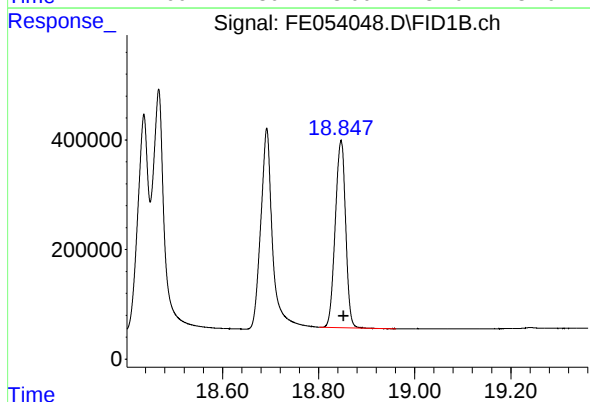
R.T.: 17.123 min
Delta R.T.: -0.005 min
Response: 5424347
Conc: 44.62 ug/ml



#17 n-Tricontane (C30)

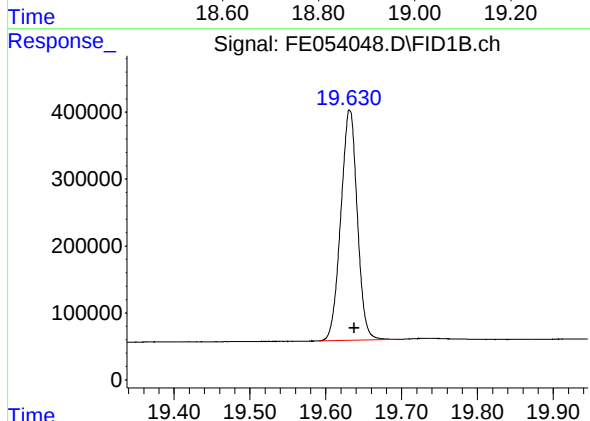
R.T.: 18.014 min
Delta R.T.: -0.004 min
Response: 5208299
Conc: 41.81 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



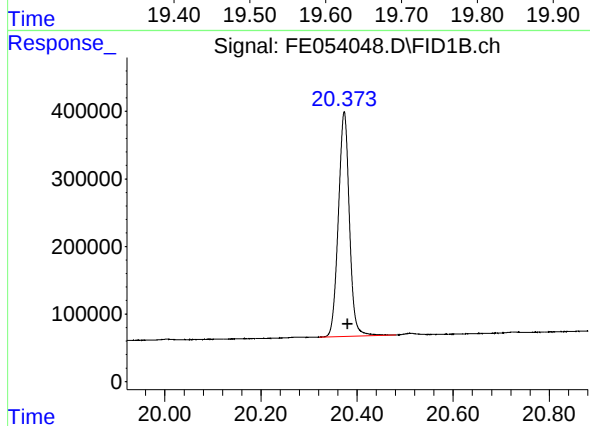
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 5107770
Conc: 40.84 ug/ml



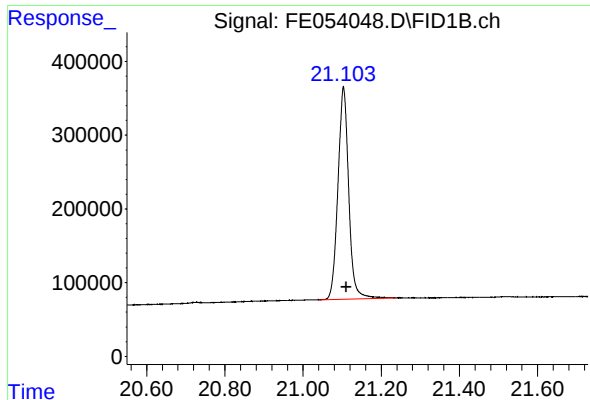
#19 n-Tetatriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.006 min
Response: 5197165
Conc: 43.63 ug/ml



#20 n-Hexatriacontane (C36)

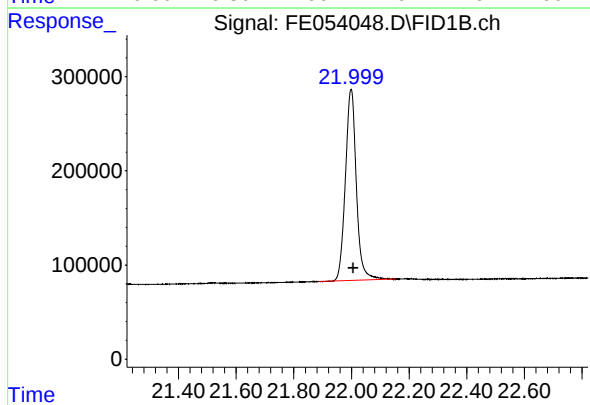
R.T.: 20.373 min
Delta R.T.: -0.007 min
Response: 5301104
Conc: 45.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 5490573
Conc: 50.45 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BS



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.008 min
Response: 5367364
Conc: 54.09 ug/ml