

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031725AL\
 Data File : FE052822.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2025 15:57
 Operator : YP\AJ
 Sample : PB167158BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167158BSD

Integration File: autoint1.e
 Quant Time: Mar 18 01:17:20 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)	11.911	5886138	34.915 ug/ml
Spiked Amount 50.000		Recovery =	69.83%
12) S 1-chlorooctadecane (S...	13.355	4374810	36.029 ug/ml
Spiked Amount 50.000		Recovery =	72.06%
Target Compounds			
1) T n-Nonane (C9)	3.259	6591963	42.515 ug/ml
2) T n-Decane (C10)	4.517	6874930	43.763 ug/ml
3) T A~Naphthalene (C11.7)	6.226	7539572	44.457 ug/ml
4) T n-Dodecane (C12)	6.694	6940204	44.574 ug/ml
5) T A~2-methylnaphthalene...	7.329	6837641	42.193 ug/ml
6) T n-Tetradecane (C14)	8.532	6894859	45.568 ug/ml
7) T n-Hexadecane (C16)	10.145	6718330	43.943 ug/ml
8) T n-Octadecane (C18)	11.595	6632910	43.597 ug/ml
10) T n-Eicosane (C20)	12.910	6647566	45.790 ug/ml
11) T n-Heneicosane (C21)	13.524	6351176	44.623 ug/ml
13) T n-Docosane (C22)	14.112	6291597	44.211 ug/ml
14) T n-Tetracosane (C24)	15.210	12914283	90.241 ug/ml
15) T n-Hexacosane (C26)	16.245	6120164	43.041 ug/ml
16) T n-Octacosane (C28)	17.196	6264836	44.058 ug/ml
17) T n-Tricontane (C30)	18.089	6151997	41.652 ug/ml
18) T n-Dotriacontane (C32)	18.922	6025492	41.504 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6199660	45.999 ug/ml
20) T n-Hexatriacontane (C36)	20.453	5871799	49.416 ug/ml
21) T n-Octatriacontane (C38)	21.197	6091675	54.912 ug/ml
22) T n-Tetracontane (C40)	22.121	6164183	57.015 ug/ml

(f)=RT Delta > 1/2 Window

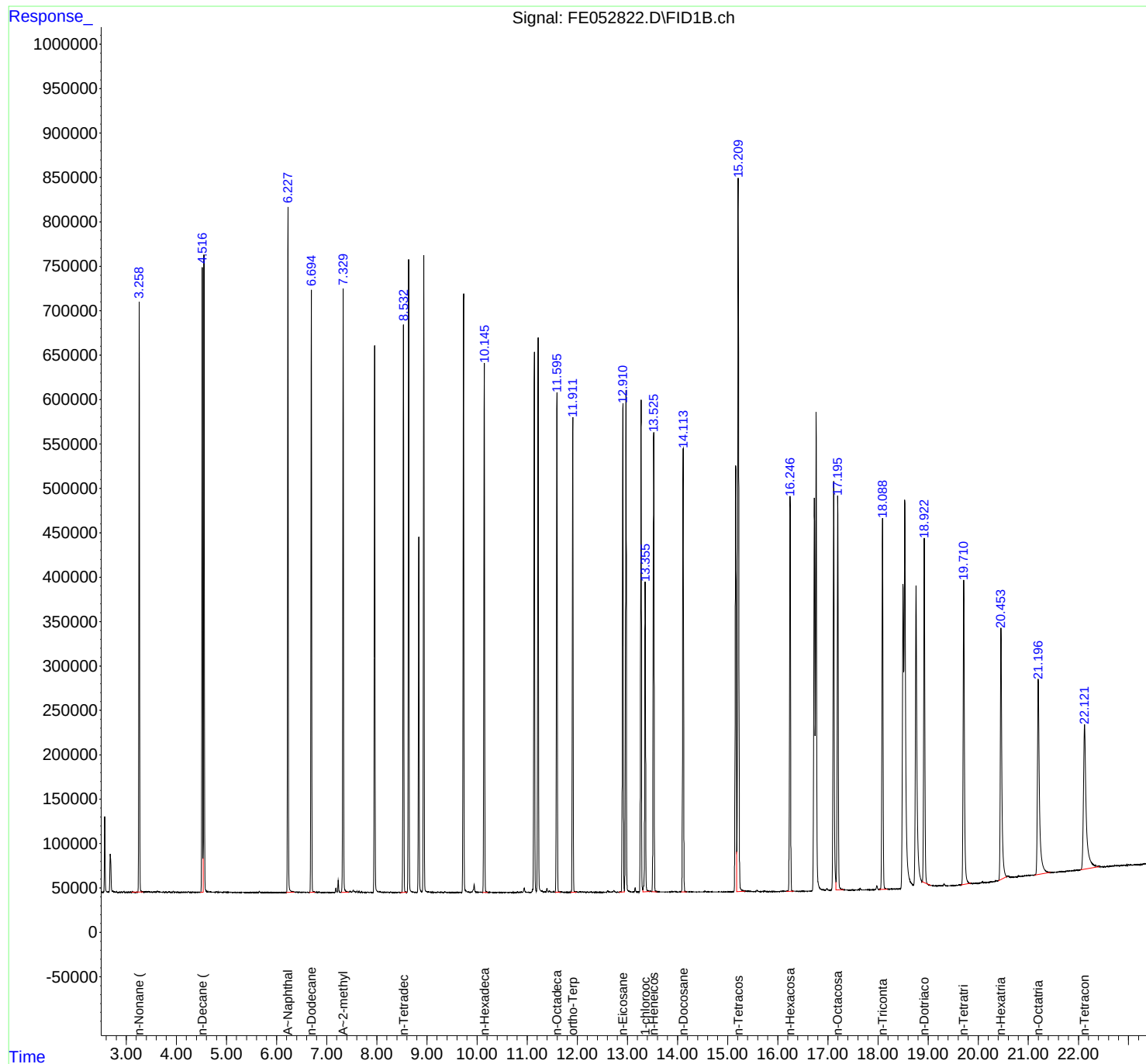
(m)=manual int.

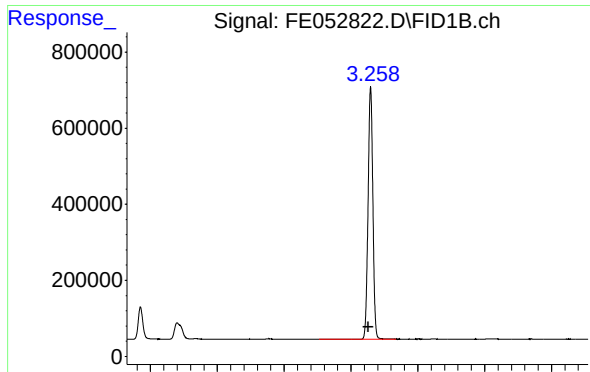
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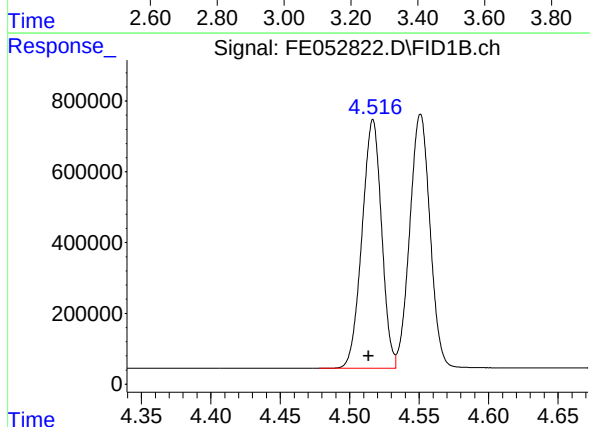




#1 n-Nonane (C9)

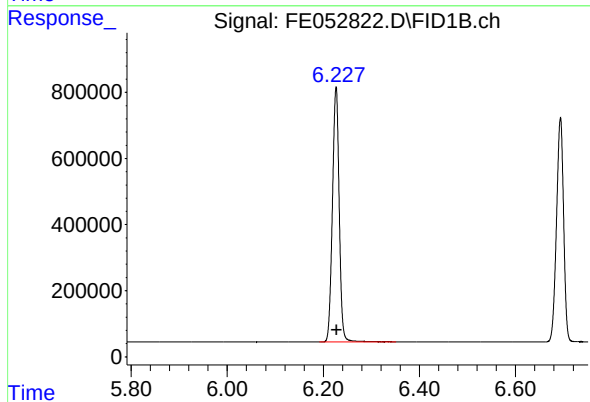
R.T.: 3.259 min
Delta R.T.: 0.007 min
Response: 6591963
Conc: 42.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167158BSD



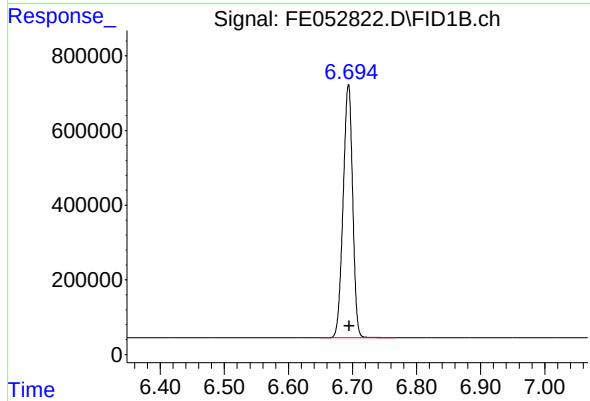
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.003 min
Response: 6874930
Conc: 43.76 ug/ml



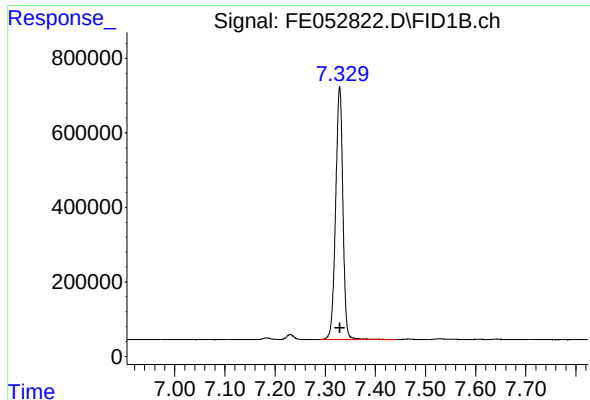
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 7539572
Conc: 44.46 ug/ml



#4 n-Dodecane (C12)

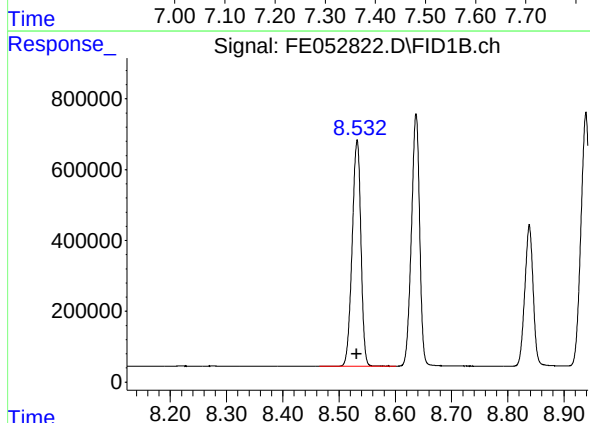
R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 6940204
Conc: 44.57 ug/ml



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

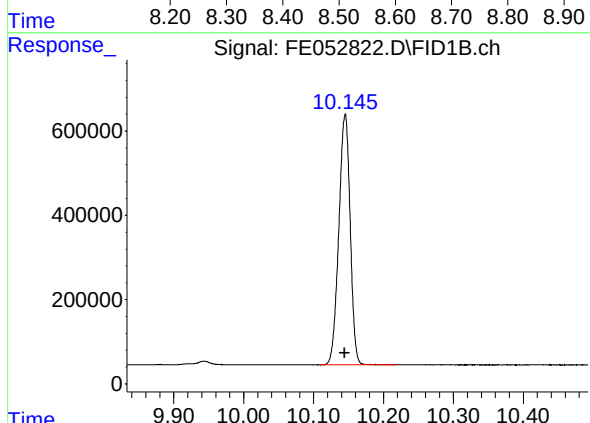
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 6837641
Conc: 42.19 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167158BSD



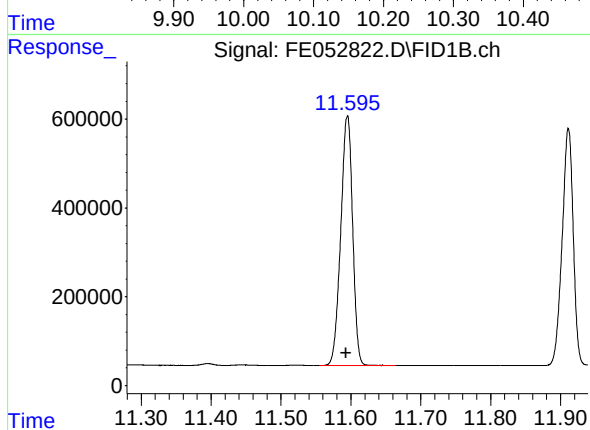
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 6894859
Conc: 45.57 ug/ml



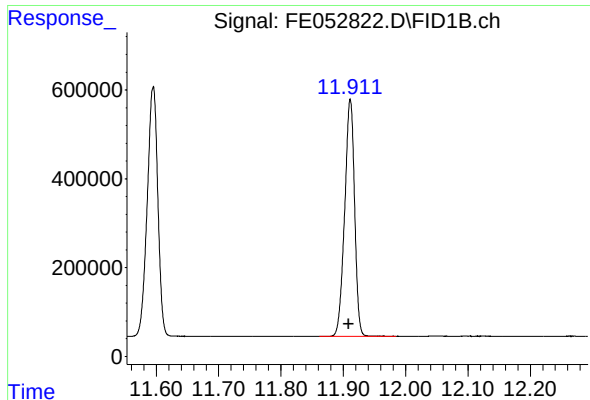
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6718330
Conc: 43.94 ug/ml



#8 n-Octadecane (C18)

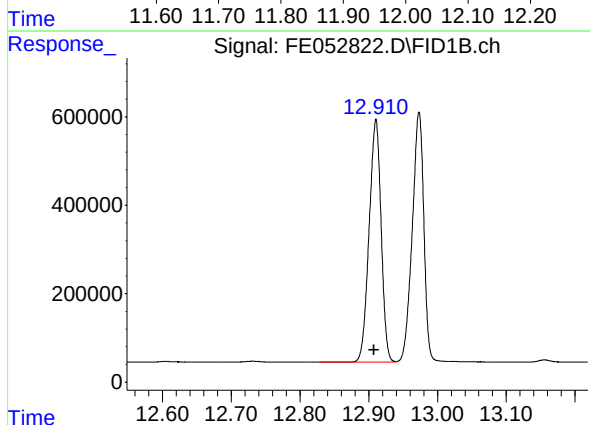
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 6632910
Conc: 43.60 ug/ml



#9 ortho-Terphenyl (SURR)

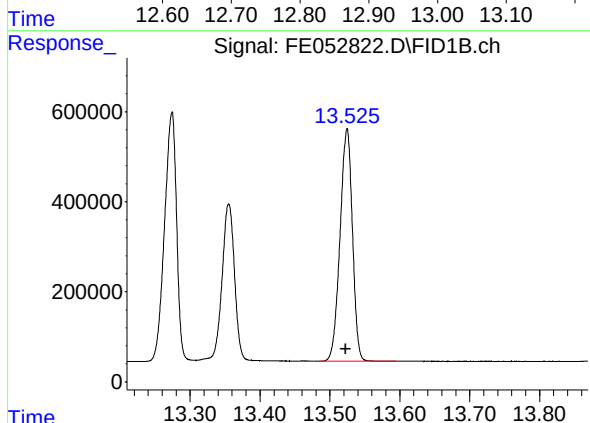
R.T.: 11.911 min
Delta R.T.: 0.002 min
Response: 5886138
Conc: 34.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167158BSD



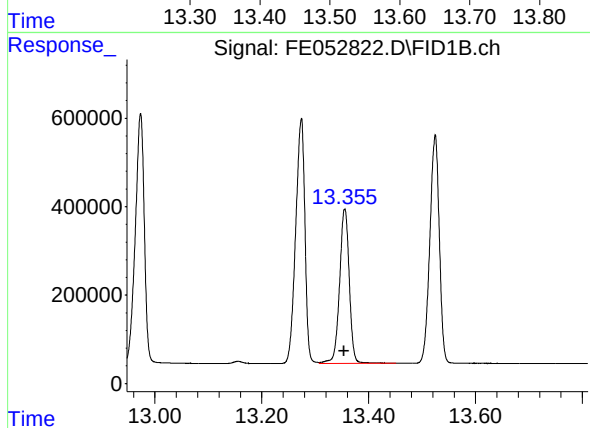
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 6647566
Conc: 45.79 ug/ml



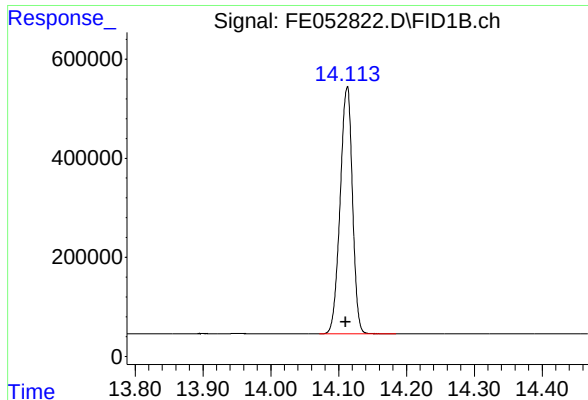
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 6351176
Conc: 44.62 ug/ml



#12 1-chlorooctadecane (SURR)

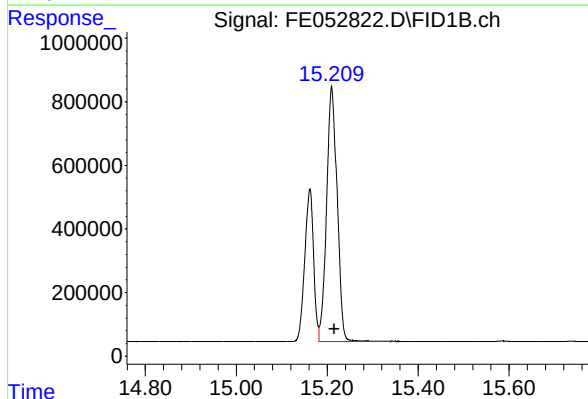
R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 4374810
Conc: 36.03 ug/ml



#13 n-Docosane (C22)

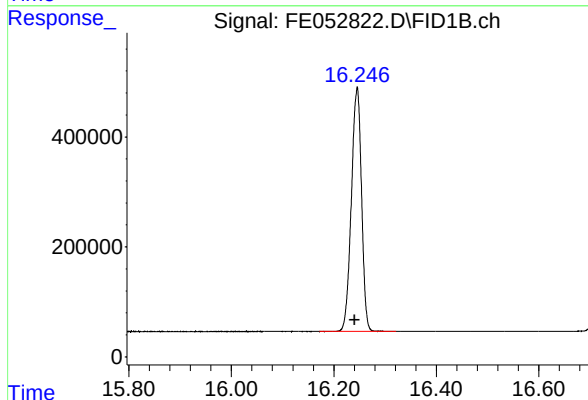
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 6291597
Conc: 44.21 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167158BSD



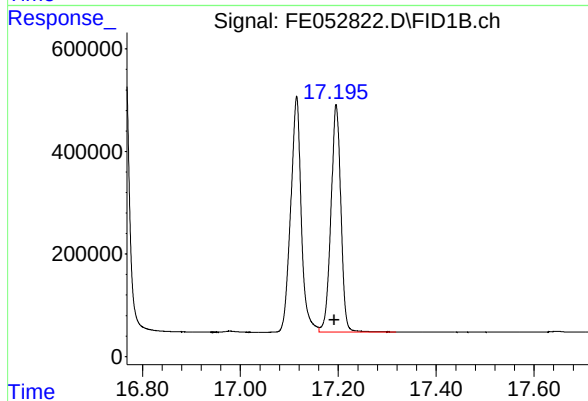
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.006 min
Response: 12914283
Conc: 90.24 ug/ml



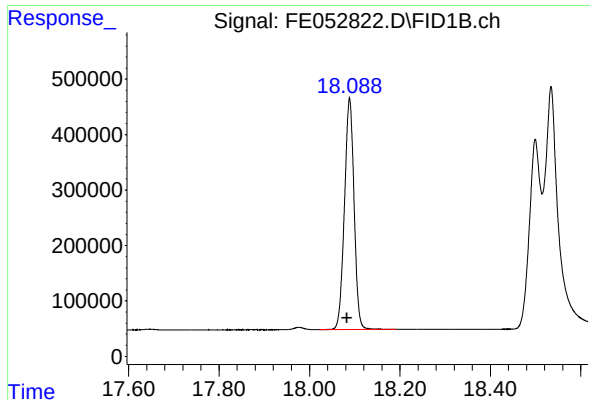
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 6120164
Conc: 43.04 ug/ml



#16 n-Octacosane (C28)

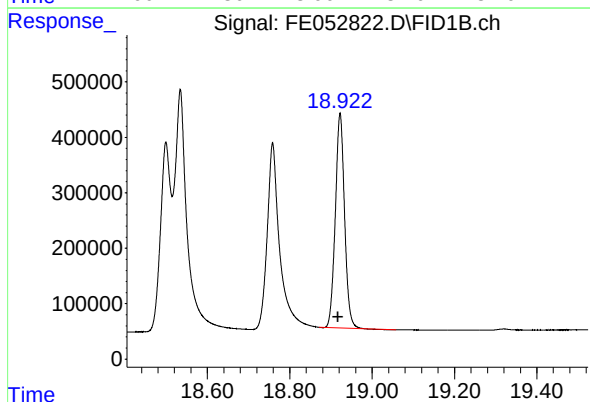
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 6264836
Conc: 44.06 ug/ml



#17 n-Tricontane (C30)

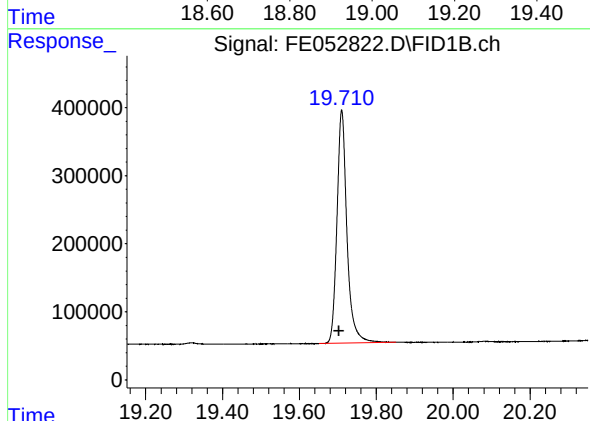
R.T.: 18.089 min
Delta R.T.: 0.006 min
Response: 6151997
Conc: 41.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167158BSD



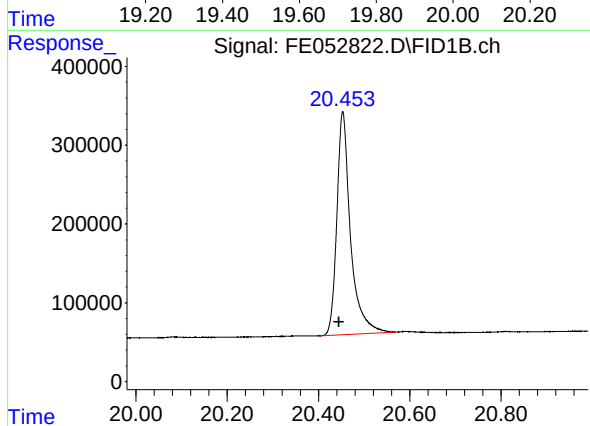
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.005 min
Response: 6025492
Conc: 41.50 ug/ml



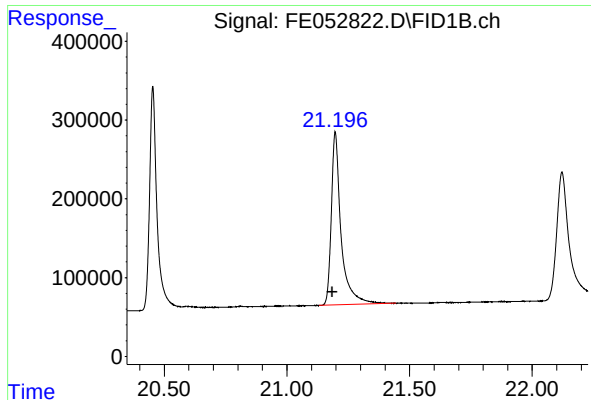
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.008 min
Response: 6199660
Conc: 46.00 ug/ml



#20 n-Hexatriacontane (C36)

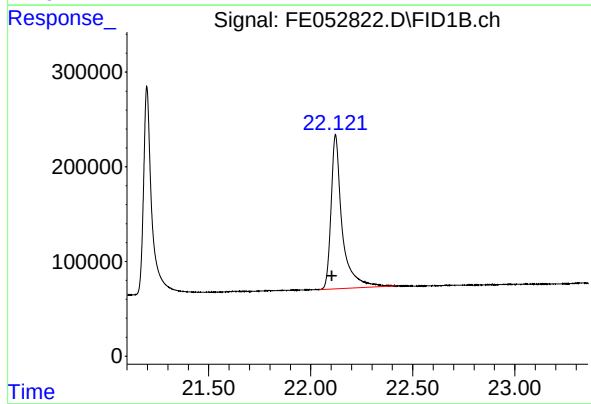
R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 5871799
Conc: 49.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.012 min
Response: 6091675
Conc: 54.91 ug/ml

Instrument :
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ClientSampleId :
PB167158BSD



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: 0.017 min
Response: 6164183
Conc: 57.01 ug/ml