

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052776.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 14:30
 Operator : YP\AJ
 Sample : PB167114BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167114BS

Integration File: autoint1.e
 Quant Time: Mar 13 15:01:23 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	5658084	33.562 ug/ml
Spiked Amount 50.000		Recovery =	67.12%
12) S 1-chlorooctadecane (S...	13.356	4329577	35.656 ug/ml
Spiked Amount 50.000		Recovery =	71.31%
Target Compounds			
1) T n-Nonane (C9)	3.258	6041660	38.966 ug/ml
2) T n-Decane (C10)	4.516	6235605	39.693 ug/ml
3) T A~Naphthalene (C11.7)	6.226	6802182	40.109 ug/ml
4) T n-Dodecane (C12)	6.693	6256633	40.184 ug/ml
5) T A~2-methylnaphthalene...	7.328	6155238	37.982 ug/ml
6) T n-Tetradecane (C14)	8.531	6193887	40.935 ug/ml
7) T n-Hexadecane (C16)	10.145	6021128	39.383 ug/ml
8) T n-Octadecane (C18)	11.595	5931765	38.989 ug/ml
10) T n-Eicosane (C20)	12.911	5943292	40.939 ug/ml
11) T n-Heneicosane (C21)	13.524	5677817	39.892 ug/ml
13) T n-Docosane (C22)	14.112	5636311	39.606 ug/ml
14) T n-Tetracosane (C24)	15.208	11478023	80.205 ug/ml
15) T n-Hexacosane (C26)	16.245	5498318	38.668 ug/ml
16) T n-Octacosane (C28)	17.196	5541559	38.971 ug/ml
17) T n-Tricontane (C30)	18.087	5601023	37.921 ug/ml
18) T n-Dotriacontane (C32)	18.921	5666078	39.028 ug/ml
19) T n-Tetratriacontane (C34)	19.707	5763327	42.761 ug/ml
20) T n-Hexatriacontane (C36)	20.448	5649716	47.547 ug/ml
21) T n-Octatriacontane (C38)	21.190	5682939	51.227 ug/ml
22) T n-Tetracontane (C40)	22.113	5747110	53.157 ug/ml

(f)=RT Delta > 1/2 Window

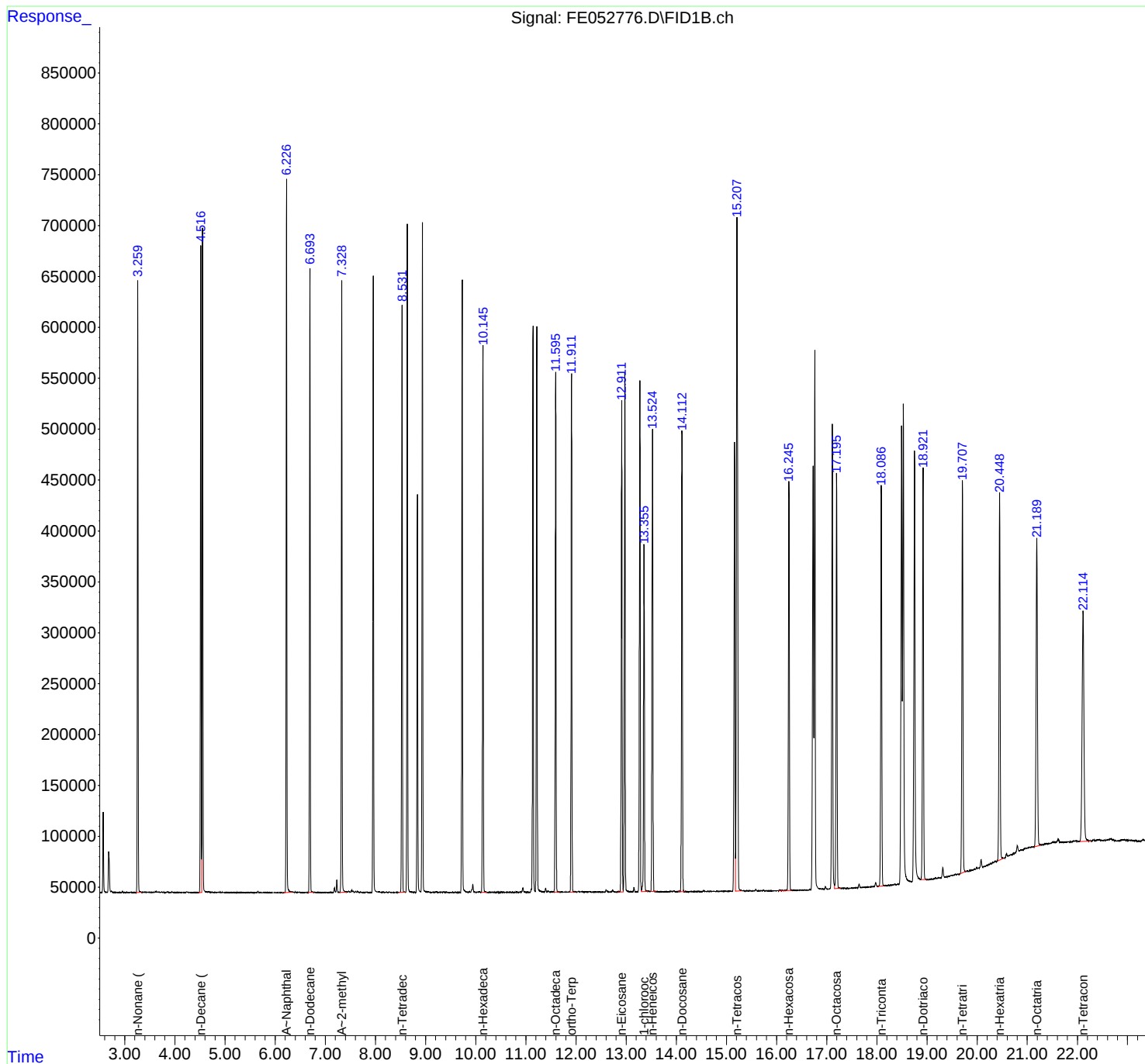
(m)=manual int.

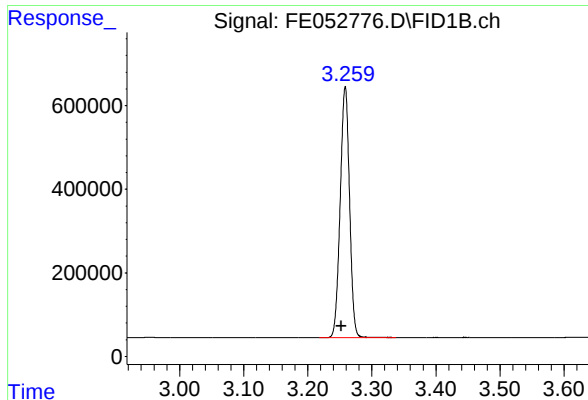
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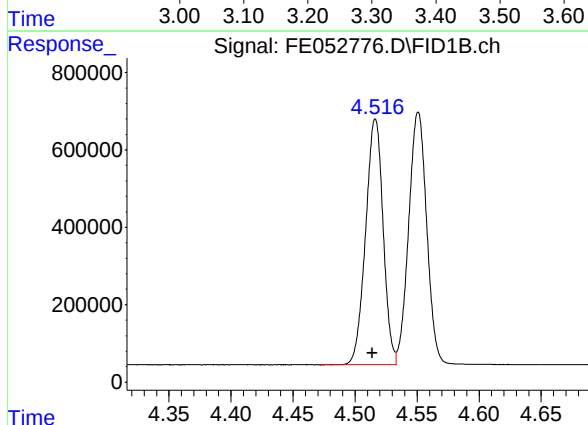




#1 n-Nonane (C9)

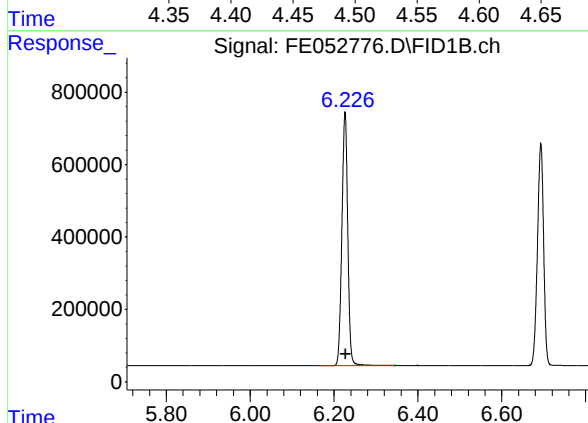
R.T.: 3.258 min
Delta R.T.: 0.006 min
Response: 6041660
Conc: 38.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167114BS



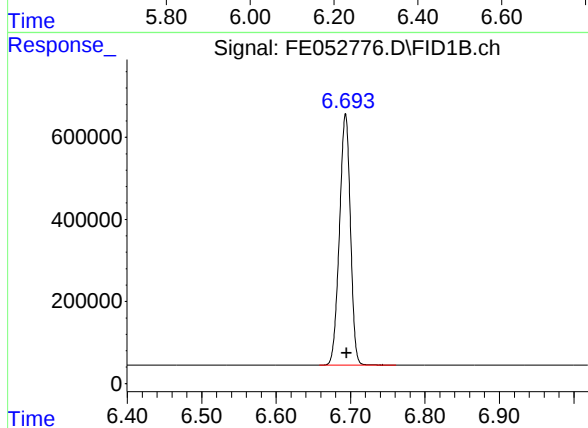
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 6235605
Conc: 39.69 ug/ml



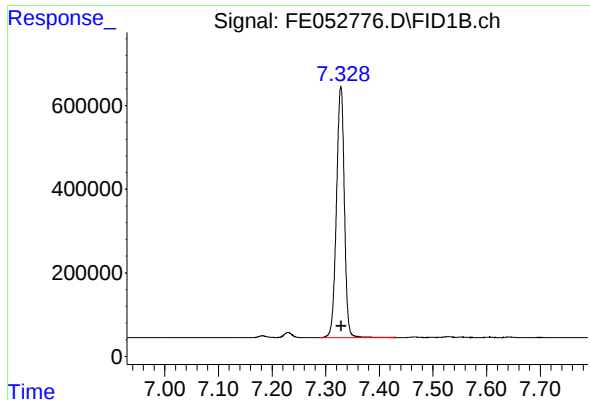
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 6802182
Conc: 40.11 ug/ml



#4 n-Dodecane (C12)

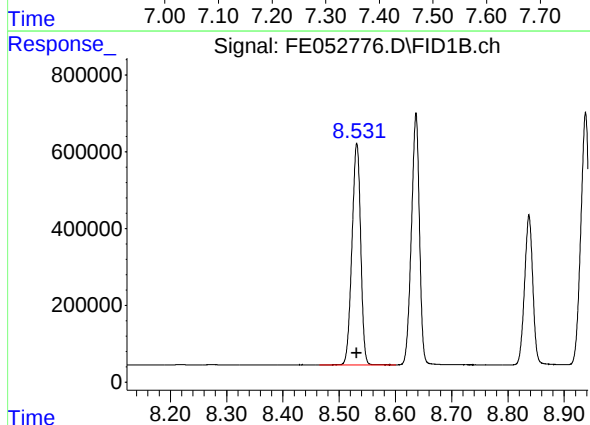
R.T.: 6.693 min
Delta R.T.: -0.001 min
Response: 6256633
Conc: 40.18 ug/ml



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

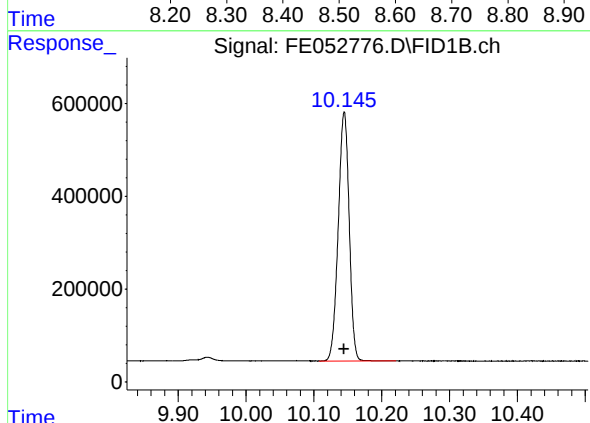
R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 6155238
Conc: 37.98 ug/ml

Instrument :
FID_E
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PB167114BS



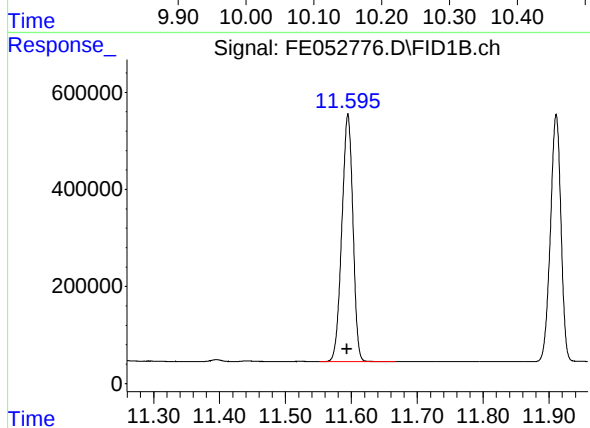
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 6193887
Conc: 40.94 ug/ml



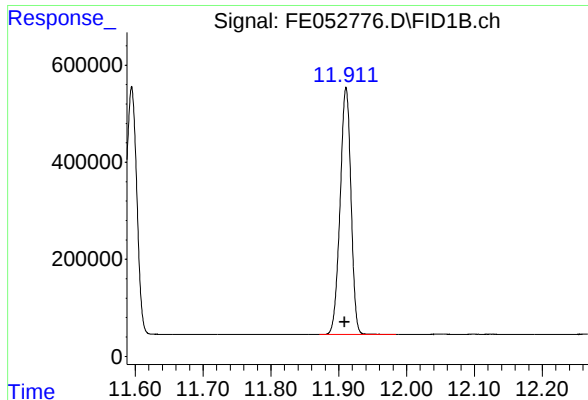
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6021128
Conc: 39.38 ug/ml



#8 n-Octadecane (C18)

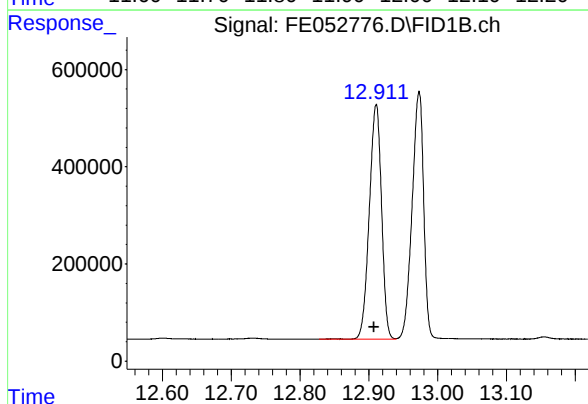
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 5931765
Conc: 38.99 ug/ml



#9 ortho-Terphenyl (SURR)

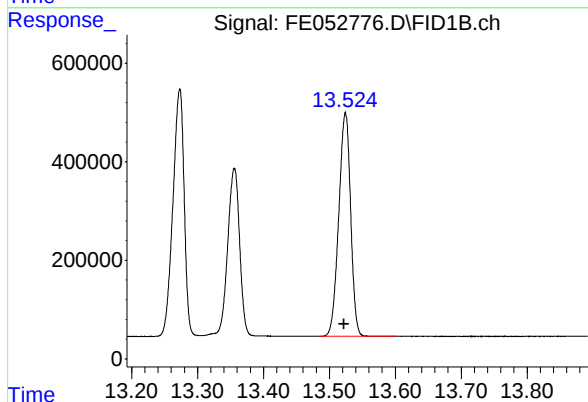
R.T.: 11.911 min
Delta R.T.: 0.002 min
Response: 5658084
Conc: 33.56 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167114BS



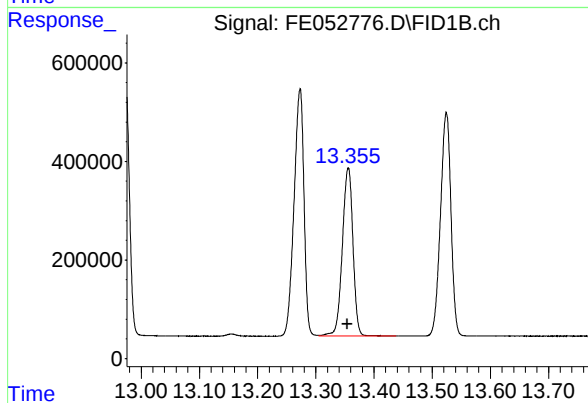
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 5943292
Conc: 40.94 ug/ml



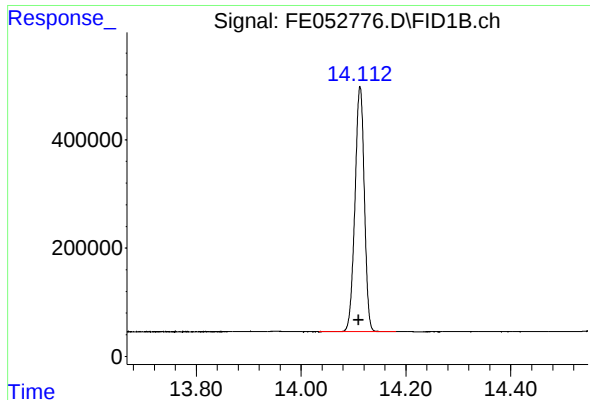
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 5677817
Conc: 39.89 ug/ml



#12 1-chlorooctadecane (SURR)

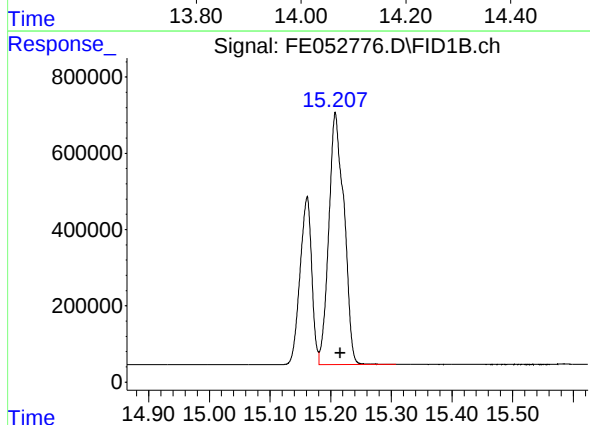
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4329577
Conc: 35.66 ug/ml



#13 n-Docosane (C22)

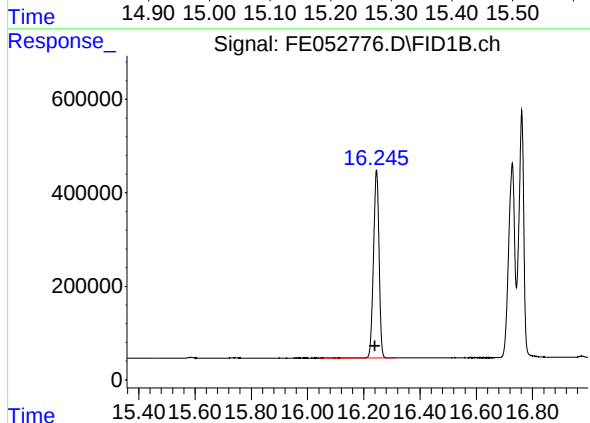
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 5636311
Conc: 39.61 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167114BS



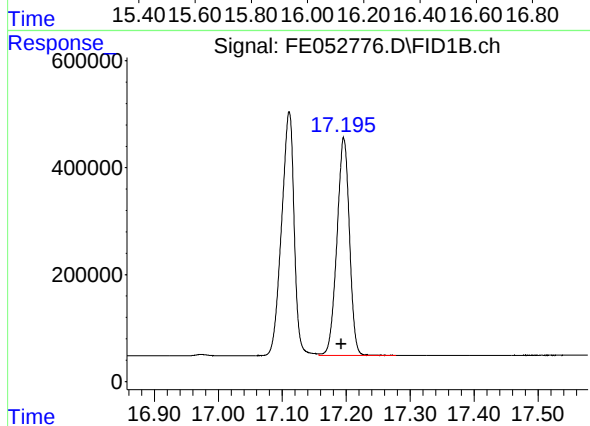
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.008 min
Response: 11478023
Conc: 80.20 ug/ml



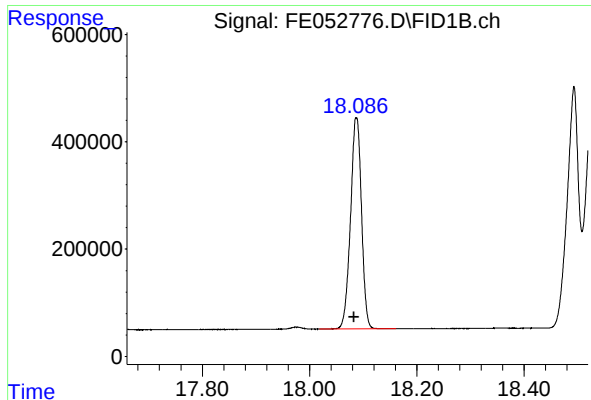
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.005 min
Response: 5498318
Conc: 38.67 ug/ml



#16 n-Octacosane (C28)

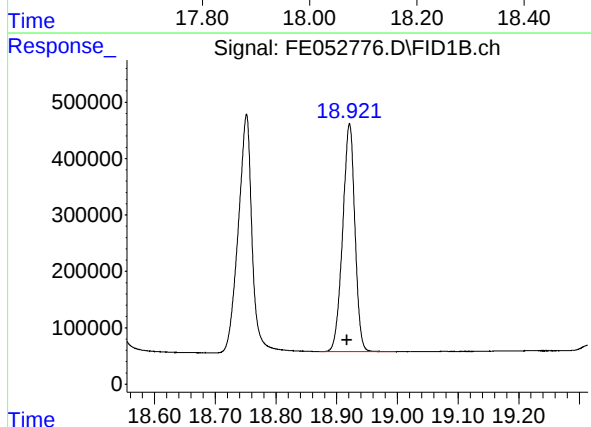
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 5541559
Conc: 38.97 ug/ml



#17 n-Tricontane (C30)

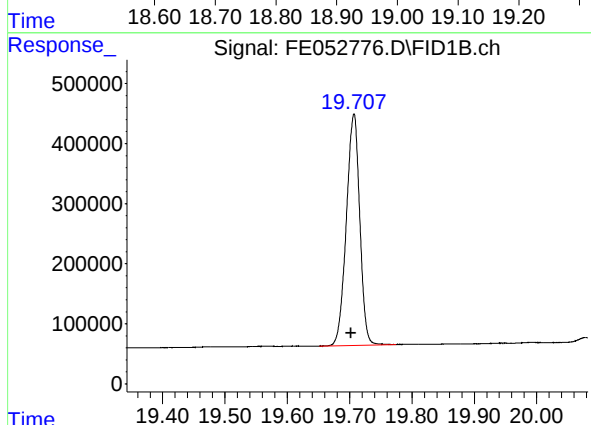
R.T.: 18.087 min
Delta R.T.: 0.005 min
Response: 5601023
Conc: 37.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167114BS



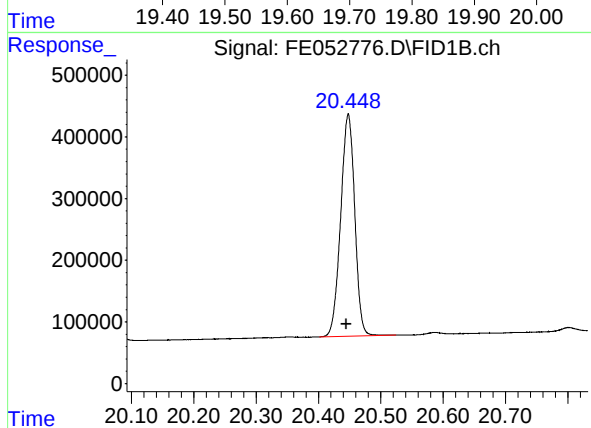
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 5666078
Conc: 39.03 ug/ml



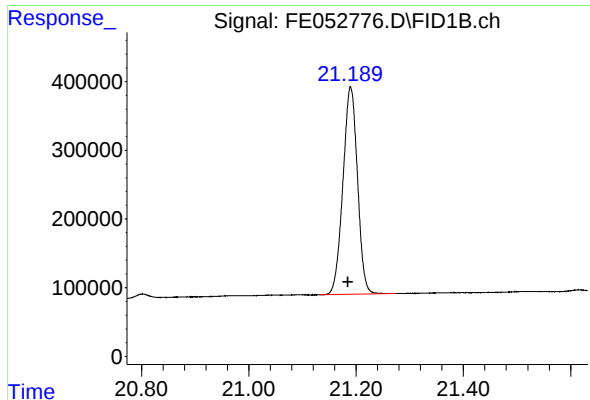
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.004 min
Response: 5763327
Conc: 42.76 ug/ml



#20 n-Hexatriacontane (C36)

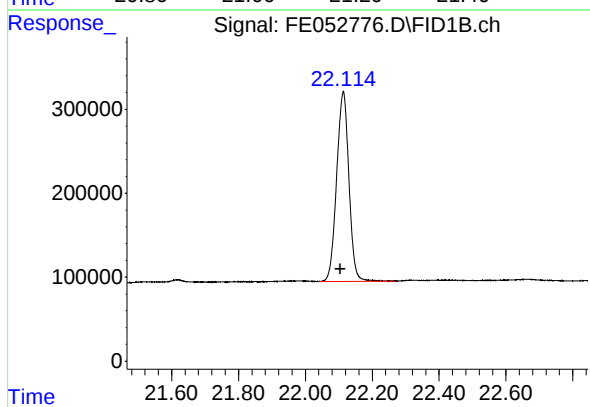
R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 5649716
Conc: 47.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.005 min
Response: 5682939
Conc: 51.23 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167114BS



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.009 min
Response: 5747110
Conc: 53.16 ug/ml