

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053240.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 15:33
 Operator : YP\AJ
 Sample : PB167512BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167512BSD

Integration File: autoint1.e
 Quant Time: Apr 09 05:06:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	5879856	36.099 ug/ml
Spiked Amount 50.000		Recovery =	72.20%
12) S 1-chlorooctadecane (S...	13.340	4572019	38.086 ug/ml
Spiked Amount 50.000		Recovery =	76.17%
Target Compounds			
1) T n-Nonane (C9)	3.244	6495796	41.952 ug/ml
2) T n-Decane (C10)	4.504	6796984	43.332 ug/ml
3) T A~Naphthalene (C11.7)	6.214	7232716	43.055 ug/ml
4) T n-Dodecane (C12)	6.681	6867616	43.911 ug/ml
5) T A~2-methylnaphthalene...	7.316	6435001	40.330 ug/ml
6) T n-Tetradecane (C14)	8.519	6651187	43.439 ug/ml
7) T n-Hexadecane (C16)	10.132	6556784	42.536 ug/ml
8) T n-Octadecane (C18)	11.581	6326644	41.714 ug/ml
10) T n-Eicosane (C20)	12.895	6355415	44.576 ug/ml
11) T n-Heneicosane (C21)	13.509	6029014	43.446 ug/ml
13) T n-Docosane (C22)	14.097	5950265	43.447 ug/ml
14) T n-Tetracosane (C24)	15.195	12514727	92.661 ug/ml
15) T n-Hexacosane (C26)	16.230	5845625	43.818 ug/ml
16) T n-Octacosane (C28)	17.180	6200304	46.983 ug/ml
17) T n-Tricontane (C30)	18.071	5990268	44.196 ug/ml
18) T n-Dotriacontane (C32)	18.905	5984470	44.473 ug/ml
19) T n-Tetratriacontane (C34)	19.690	6231239	48.156 ug/ml
20) T n-Hexatriacontane (C36)	20.432	6376764	53.681 ug/ml
21) T n-Octatriacontane (C38)	21.173	6598824	57.413 ug/ml
22) T n-Tetracontane (C40)	22.089	6416149	57.127 ug/ml

(f)=RT Delta > 1/2 Window

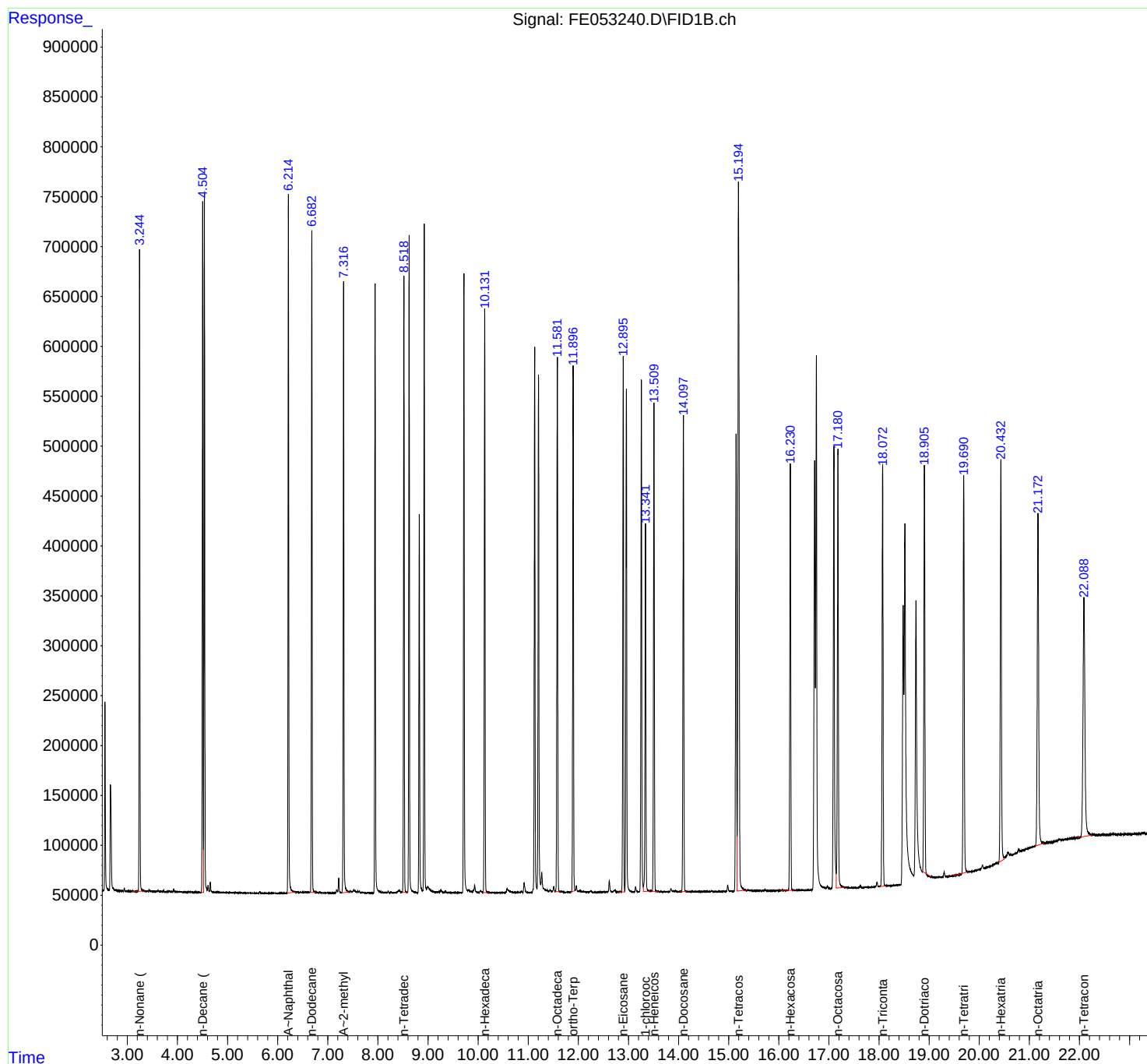
(m)=manual int.

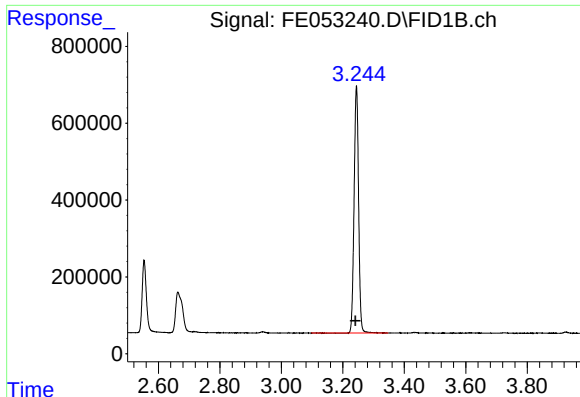
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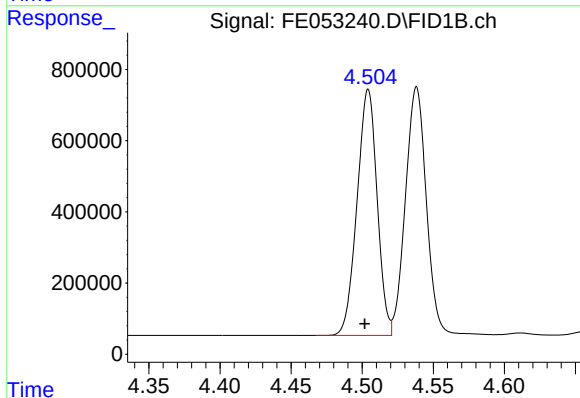




#1 n-Nonane (C9)

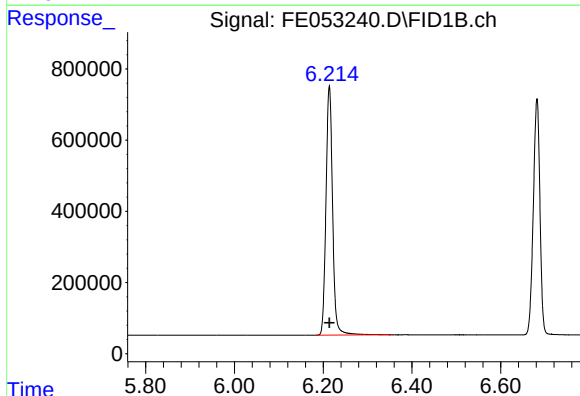
R.T.: 3.244 min
Delta R.T.: 0.003 min
Response: 6495796
Conc: 41.95 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



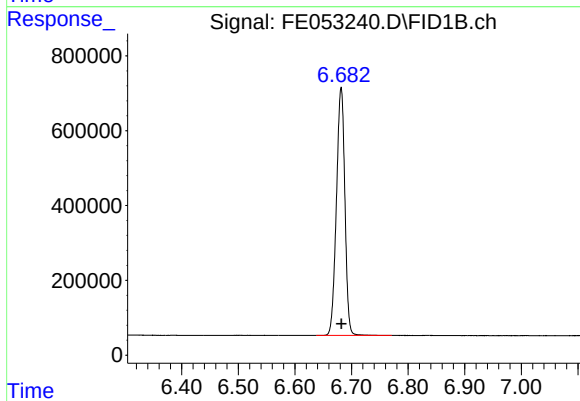
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 6796984
Conc: 43.33 ug/ml



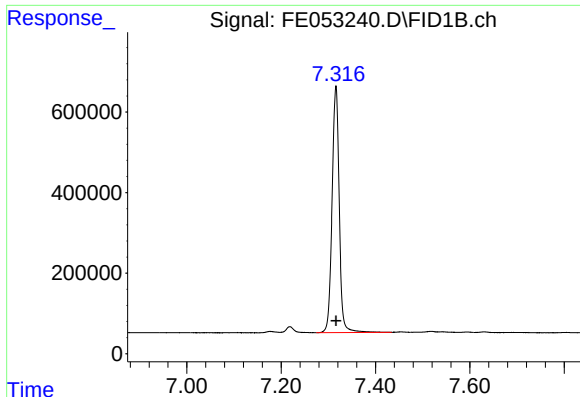
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 7232716
Conc: 43.05 ug/ml



#4 n-Dodecane (C12)

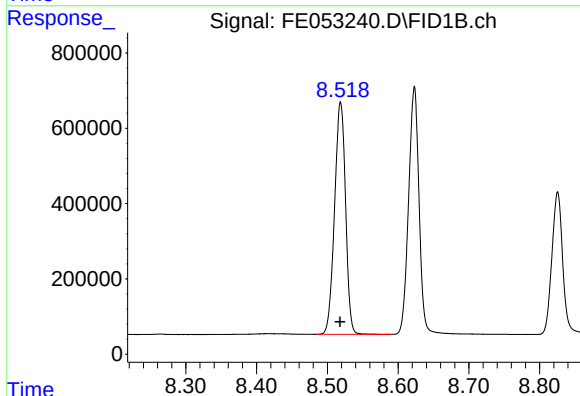
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 6867616
Conc: 43.91 ug/ml



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

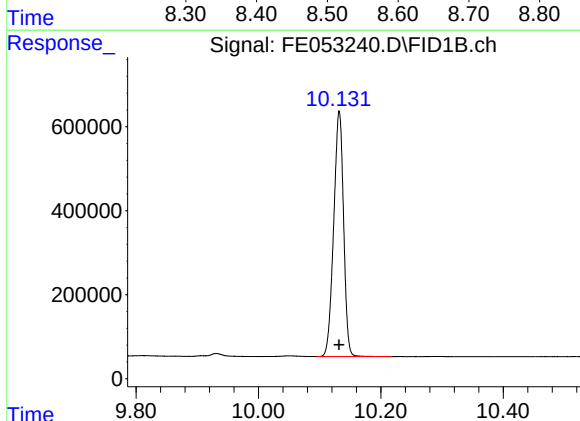
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 6435001
Conc: 40.33 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



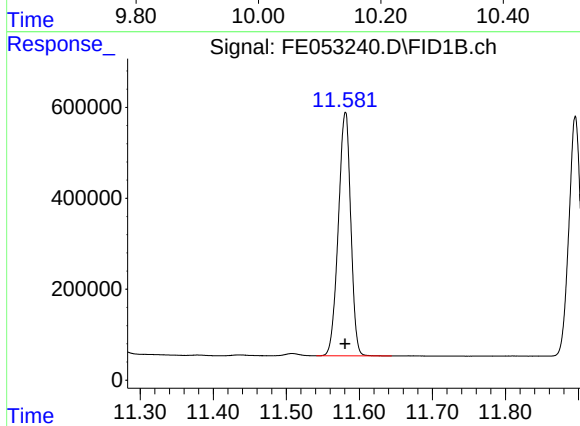
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 6651187
Conc: 43.44 ug/ml



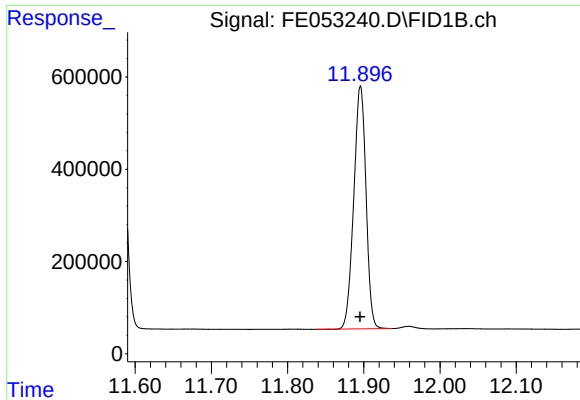
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 6556784
Conc: 42.54 ug/ml



#8 n-Octadecane (C18)

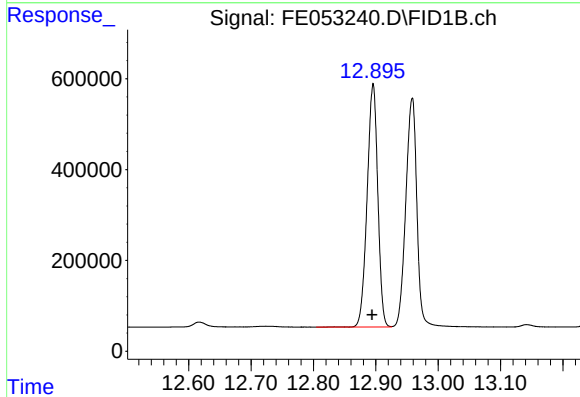
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 6326644
Conc: 41.71 ug/ml



#9 ortho-Terphenyl (SURR)

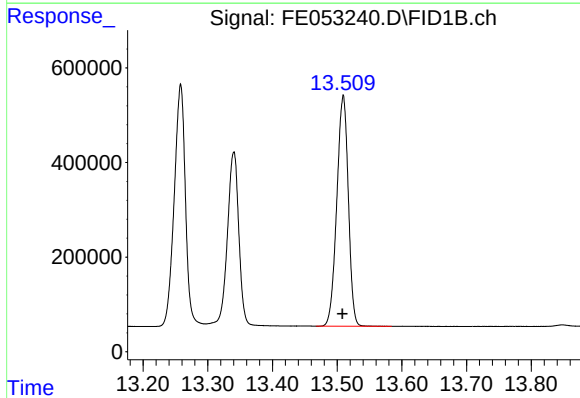
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 5879856
Conc: 36.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



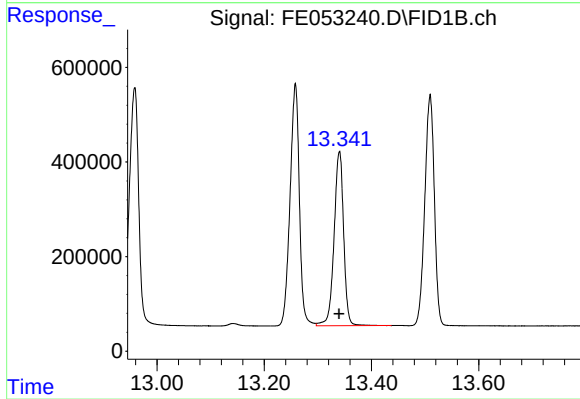
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.001 min
Response: 6355415
Conc: 44.58 ug/ml



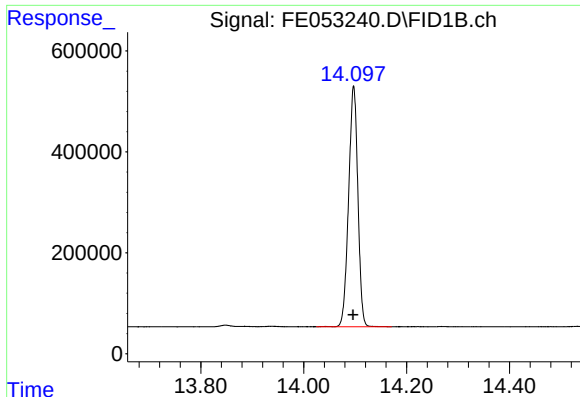
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 6029014
Conc: 43.45 ug/ml



#12 1-chlorooctadecane (SURR)

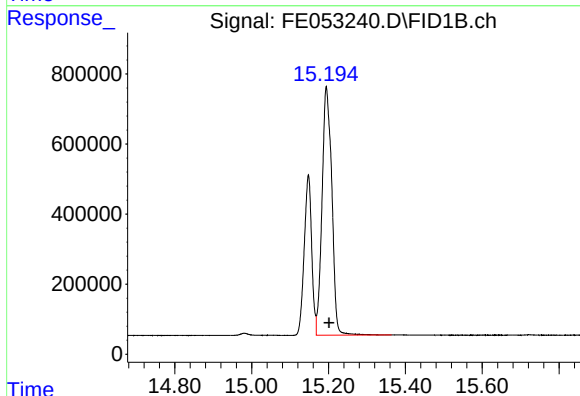
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 4572019
Conc: 38.09 ug/ml



#13 n-Docosane (C22)

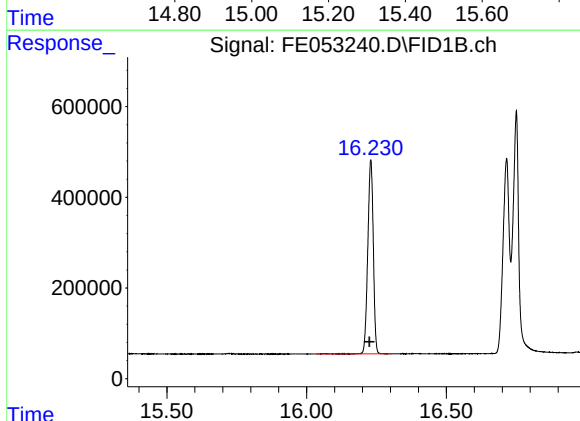
R.T.: 14.097 min
Delta R.T.: 0.002 min
Response: 5950265
Conc: 43.45 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



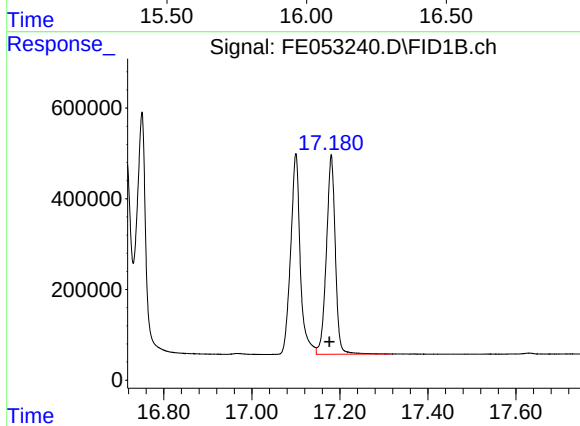
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.007 min
Response: 12514727
Conc: 92.66 ug/ml



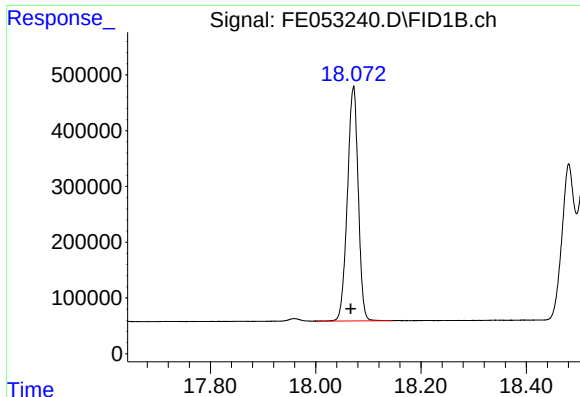
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: 0.004 min
Response: 5845625
Conc: 43.82 ug/ml



#16 n-Octacosane (C28)

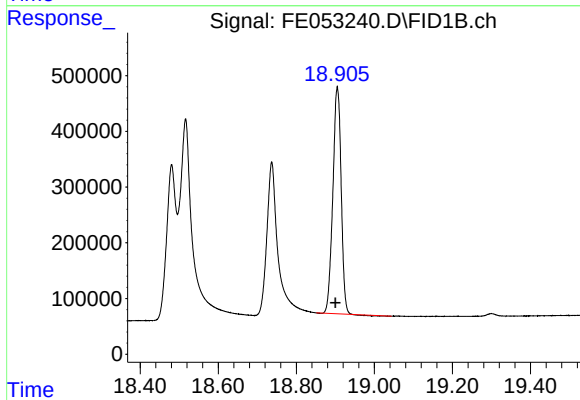
R.T.: 17.180 min
Delta R.T.: 0.004 min
Response: 6200304
Conc: 46.98 ug/ml



#17 n-Tricontane (C30)

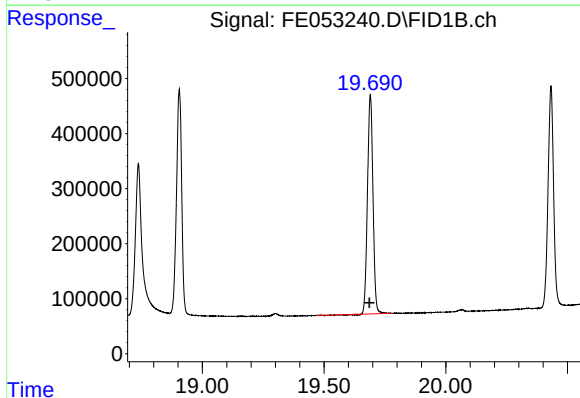
R.T.: 18.071 min
Delta R.T.: 0.005 min
Response: 5990268
Conc: 44.20 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



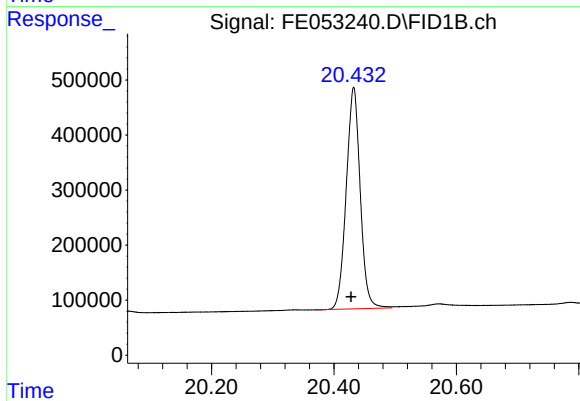
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.005 min
Response: 5984470
Conc: 44.47 ug/ml



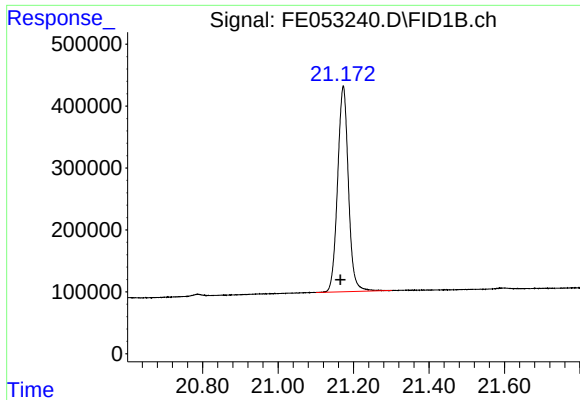
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.004 min
Response: 6231239
Conc: 48.16 ug/ml



#20 n-Hexatriacontane (C36)

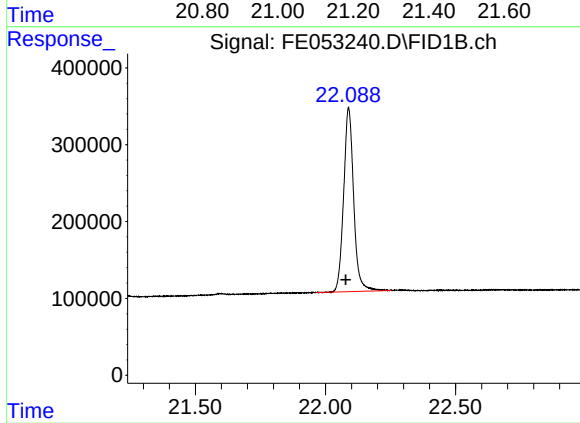
R.T.: 20.432 min
Delta R.T.: 0.004 min
Response: 6376764
Conc: 53.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.008 min
Response: 6598824
Conc: 57.41 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167512BSD



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.010 min
Response: 6416149
Conc: 57.13 ug/ml