

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052917.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 17:49
 Operator : YP\AJ
 Sample : Q1619-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2MSD

Integration File: autoint1.e
 Quant Time: Mar 22 00:14:00 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)	11.905	5160530	30.611 ug/ml
Spiked Amount 50.000		Recovery =	61.22%
12) S 1-chlorooctadecane (S...	13.350	3929870	32.364 ug/ml
Spiked Amount 50.000		Recovery =	64.73%
Target Compounds			
1) T n-Nonane (C9)	3.250	6574870	42.405 ug/ml
2) T n-Decane (C10)	4.511	7544076	48.022 ug/ml
3) T A~Naphthalene (C11.7)	6.221	8675489	51.155 ug/ml
4) T n-Dodecane (C12)	6.689	8385076	53.854 ug/ml
5) T A~2-methylnaphthalene...	7.324	8325389	51.373 ug/ml
6) T n-Tetradecane (C14)	8.529	9013024	59.567 ug/ml
7) T n-Hexadecane (C16)	10.142	9101015	59.528 ug/ml
8) T n-Octadecane (C18)	11.591	9033560	59.376 ug/ml
10) T n-Eicosane (C20)	12.907	9010998	62.070 ug/ml
11) T n-Heneicosane (C21)	13.520	8561235	60.151 ug/ml
13) T n-Docosane (C22)	14.109	8462226	59.464 ug/ml
14) T n-Tetracosane (C24)	15.205	17036585	119.047 ug/ml
15) T n-Hexacosane (C26)	16.240	8117941	57.091 ug/ml
16) T n-Octacosane (C28)	17.192	8121711	57.117 ug/ml
17) T n-Tricontane (C30)	18.084	8189934	55.450 ug/ml
18) T n-Dotriacontane (C32)	18.916	8206598	56.527 ug/ml
19) T n-Tetratriacontane (C34)	19.701	8478815	62.909 ug/ml
20) T n-Hexatriacontane (C36)	20.441	8179869	68.841 ug/ml
21) T n-Octatriacontane (C38)	21.184	8289179	74.720 ug/ml
22) T n-Tetracontane (C40)	22.104	8292393	76.699 ug/ml

(f)=RT Delta > 1/2 Window

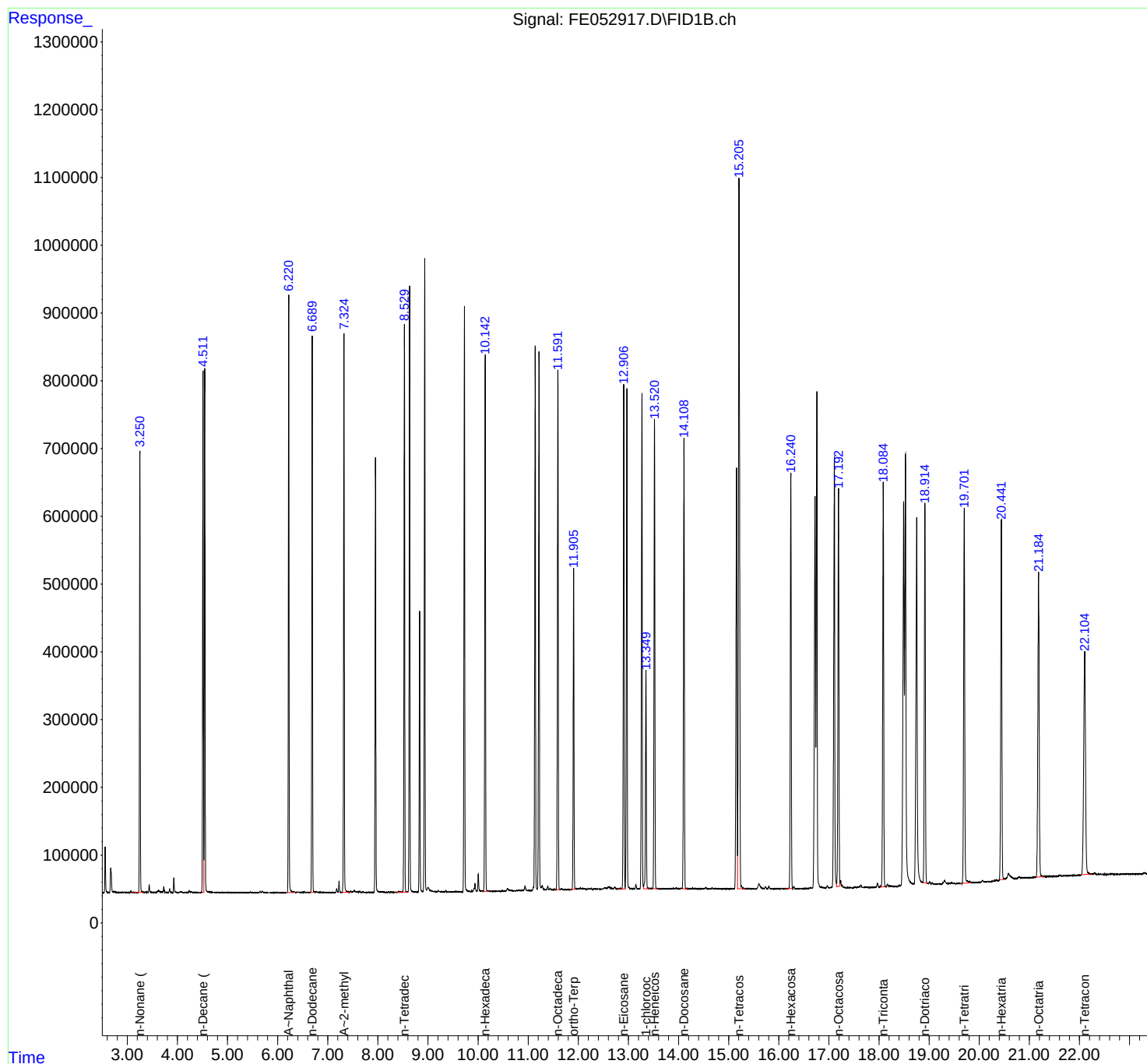
(m)=manual int.

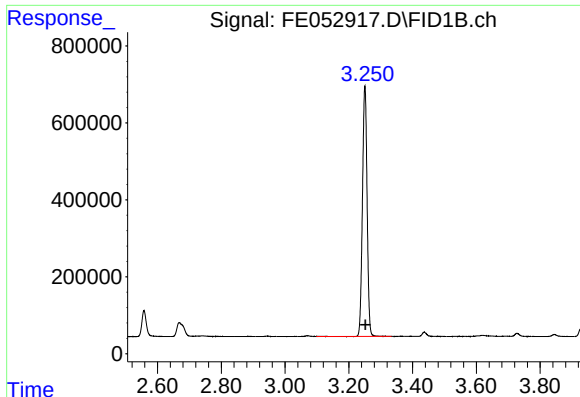
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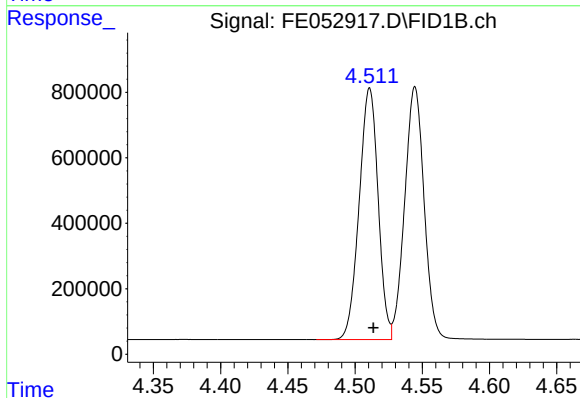




#1 n-Nonane (C9)

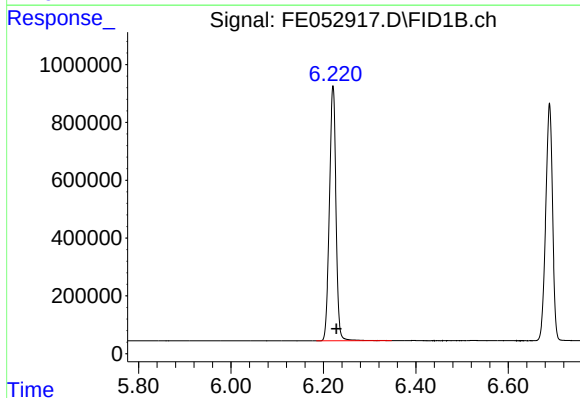
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 6574870
Conc: 42.40 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



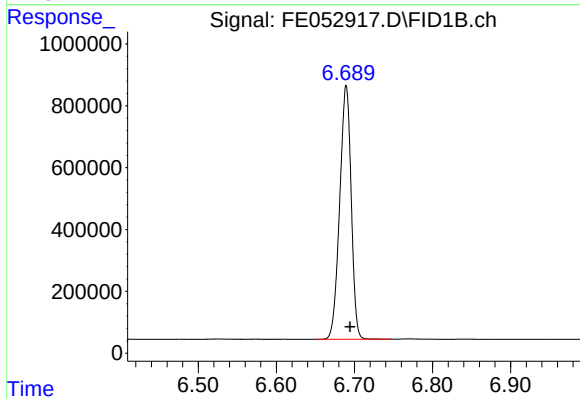
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 7544076
Conc: 48.02 ug/ml



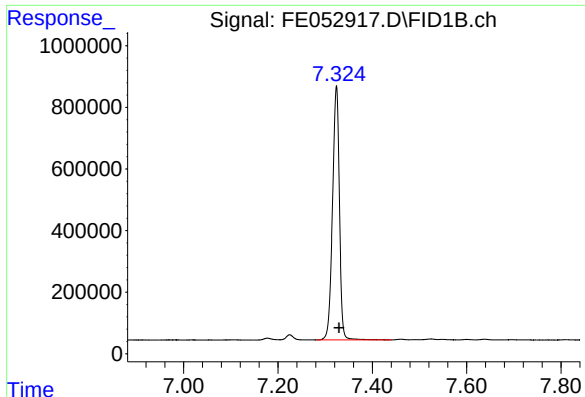
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 8675489
Conc: 51.16 ug/ml



#4 n-Dodecane (C12)

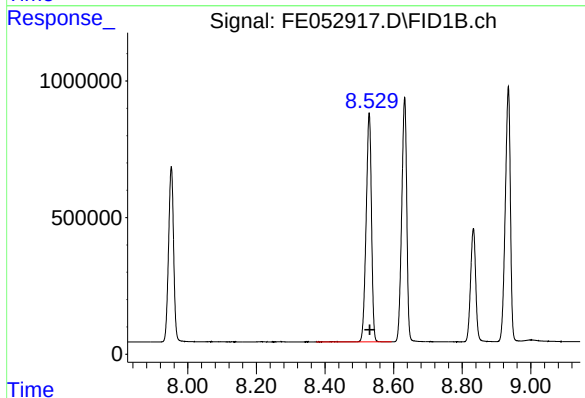
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 8385076
Conc: 53.85 ug/ml



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

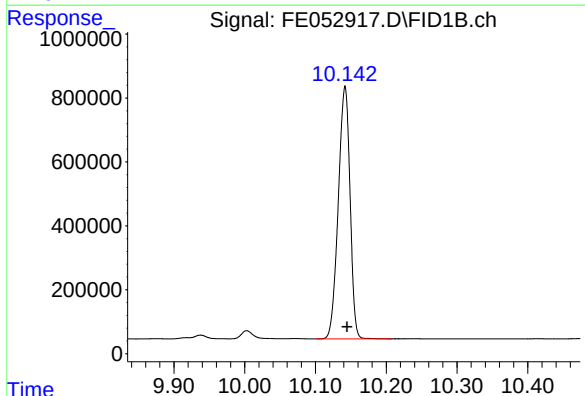
R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 8325389
Conc: 51.37 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



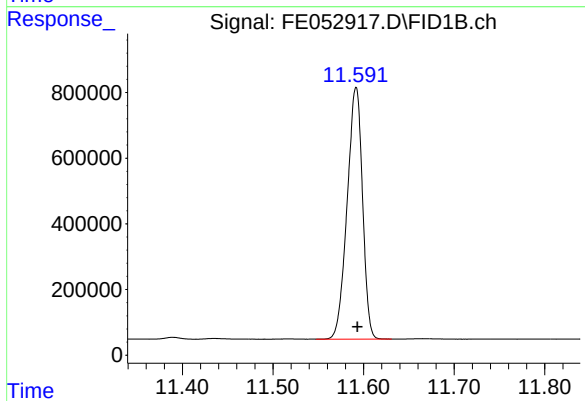
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 9013024
Conc: 59.57 ug/ml



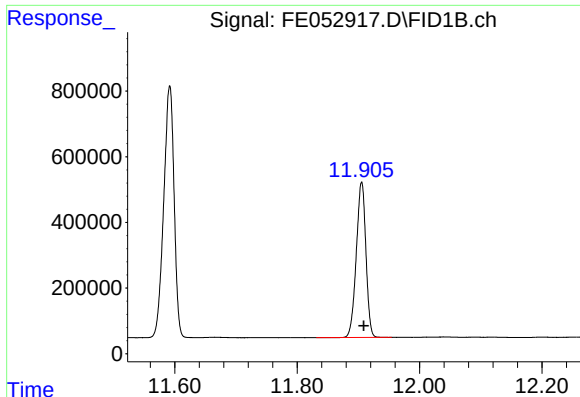
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 9101015
Conc: 59.53 ug/ml



#8 n-Octadecane (C18)

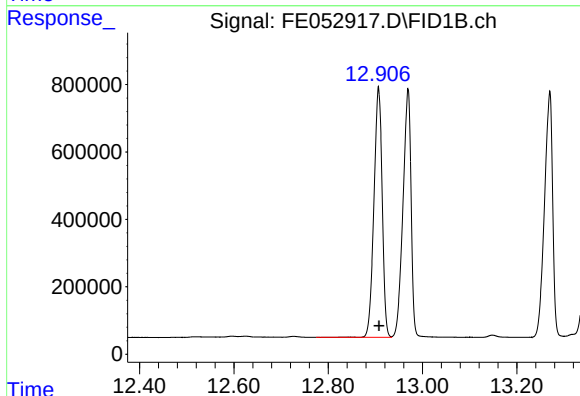
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 9033560
Conc: 59.38 ug/ml



#9 ortho-Terphenyl (SURR)

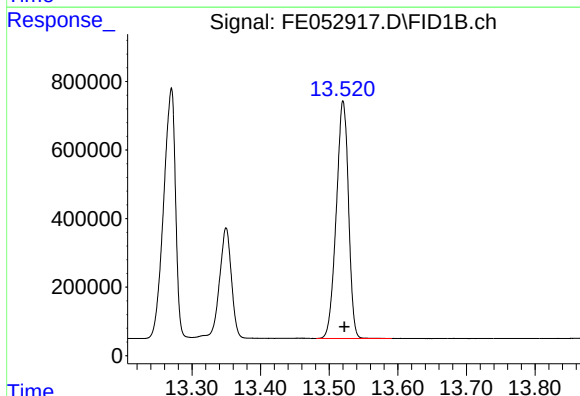
R.T.: 11.905 min
Delta R.T.: -0.003 min
Response: 5160530
Conc: 30.61 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



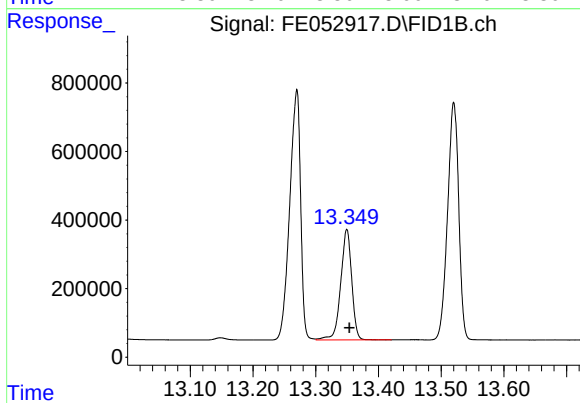
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 9010998
Conc: 62.07 ug/ml



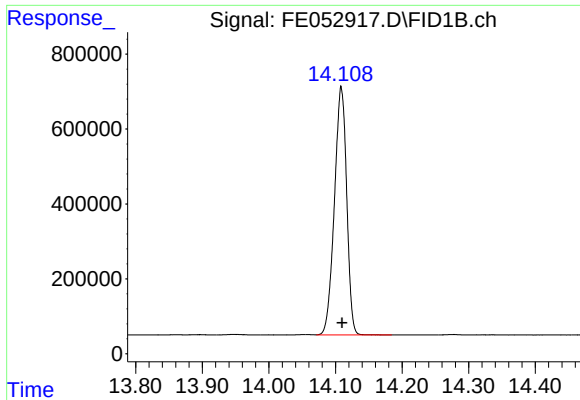
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 8561235
Conc: 60.15 ug/ml



#12 1-chlorooctadecane (SURR)

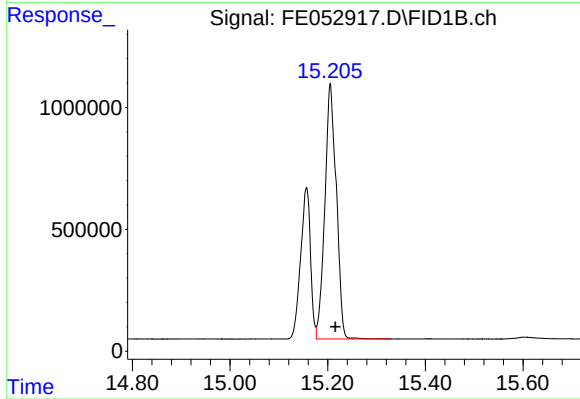
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 3929870
Conc: 32.36 ug/ml



#13 n-Docosane (C22)

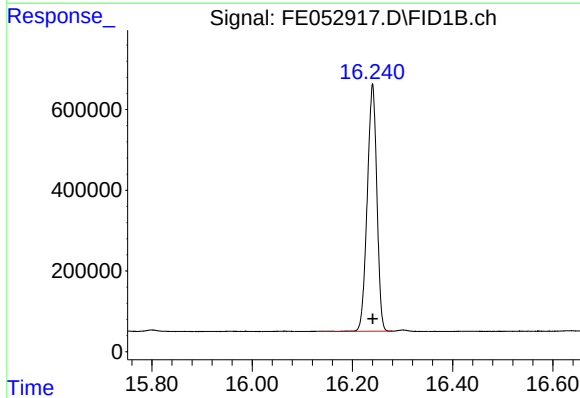
R.T.: 14.109 min
Delta R.T.: -0.002 min
Response: 8462226
Conc: 59.46 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



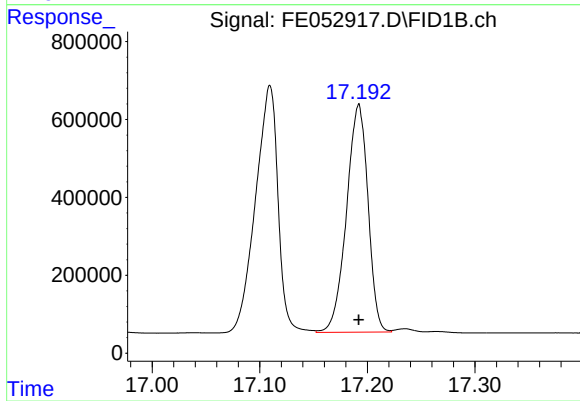
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.011 min
Response: 17036585
Conc: 119.05 ug/ml



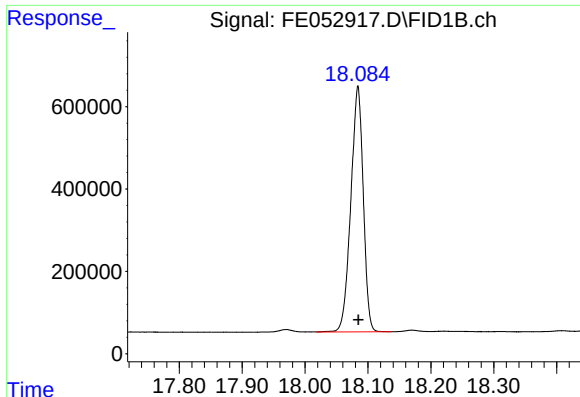
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 8117941
Conc: 57.09 ug/ml



#16 n-Octacosane (C28)

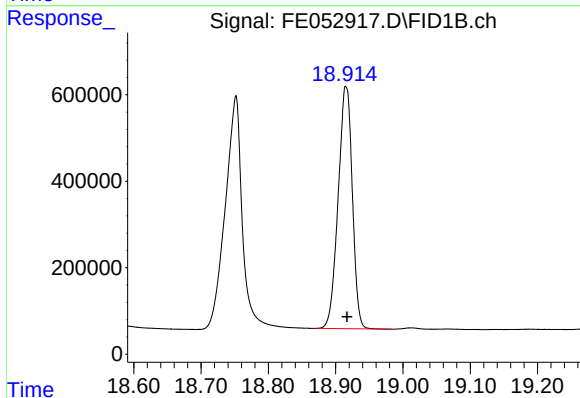
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 8121711
Conc: 57.12 ug/ml



#17 n-Tricontane (C30)

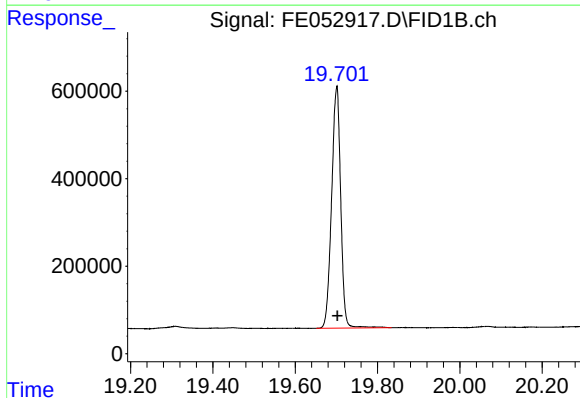
R.T.: 18.084 min
Delta R.T.: -0.001 min
Response: 8189934
Conc: 55.45 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



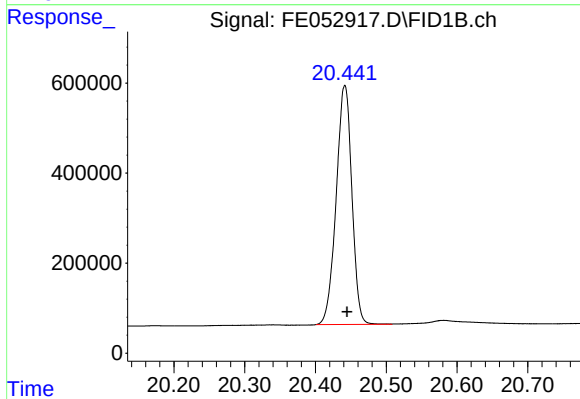
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.001 min
Response: 8206598
Conc: 56.53 ug/ml



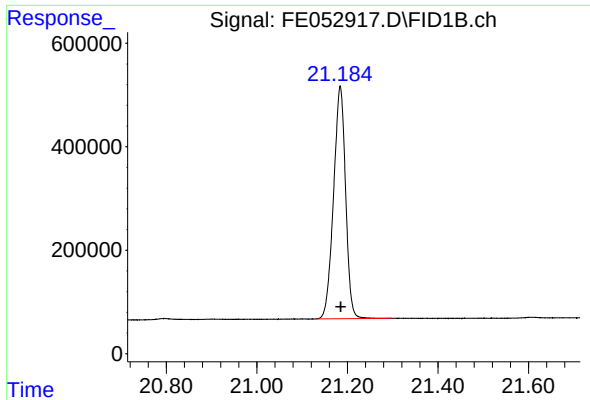
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.002 min
Response: 8478815
Conc: 62.91 ug/ml



#20 n-Hexatriacontane (C36)

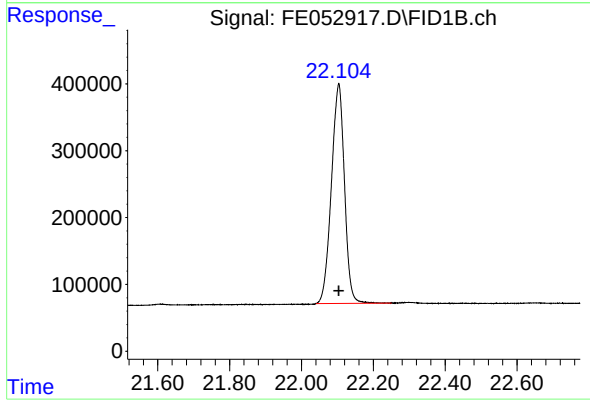
R.T.: 20.441 min
Delta R.T.: -0.003 min
Response: 8179869
Conc: 68.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 8289179
Conc: 74.72 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MSD



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 8292393
Conc: 76.70 ug/ml