

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057138.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2025 22:58
 Operator : YP\AJ
 Sample : Q3742-18MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-24MS

Integration File: autoint1.e
 Quant Time: Dec 03 00:53:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.941	6350963	28.941 ug/ml
Spiked Amount 50.000		Recovery =	57.88%
12) S 1-chlorooctadecane (S...	13.378	4484501	26.946 ug/ml
Spiked Amount 50.000		Recovery =	53.89%
Target Compounds			
1) T n-Nonane (C9)	3.294	4226743	21.608 ug/ml
2) T n-Decane (C10)	4.550	4869954	24.078 ug/ml
3) T A~Naphthalene (C11.7)	6.266	6485585	32.214 ug/ml
4) T n-Dodecane (C12)	6.723	6058795	29.686 ug/ml
5) T A~2-methylnaphthalene...	7.366	6531942	33.994 ug/ml
6) T n-Tetradecane (C14)	8.559	7221993	35.880 ug/ml
7) T n-Hexadecane (C16)	10.171	7835243	38.207 ug/ml
8) T n-Octadecane (C18)	11.619	7951060	38.576 ug/ml
10) T n-Eicosane (C20)	12.933	8055729	40.952 ug/ml
11) T n-Heneicosane (C21)	13.546	7836546	40.789 ug/ml
13) T n-Docosane (C22)	14.134	7732232	40.055 ug/ml
14) T n-Tetracosane (C24)	15.244	16742703	84.535 ug/ml
15) T n-Hexacosane (C26)	16.267	7552051	38.067 ug/ml
16) T n-Octacosane (C28)	17.216	7556540	36.771 ug/ml
17) T n-Tricontane (C30)	18.110	7435710	33.132 ug/ml
18) T n-Dotriacontane (C32)	18.942	7045456	30.182 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6813100	31.899 ug/ml
20) T n-Hexatriacontane (C36)	20.468	6674154	35.857 ug/ml
21) T n-Octatriacontane (C38)	21.217	6614084	38.164 ug/ml
22) T n-Tetracontane (C40)	22.152	6879692	40.825 ug/ml

(f)=RT Delta > 1/2 Window

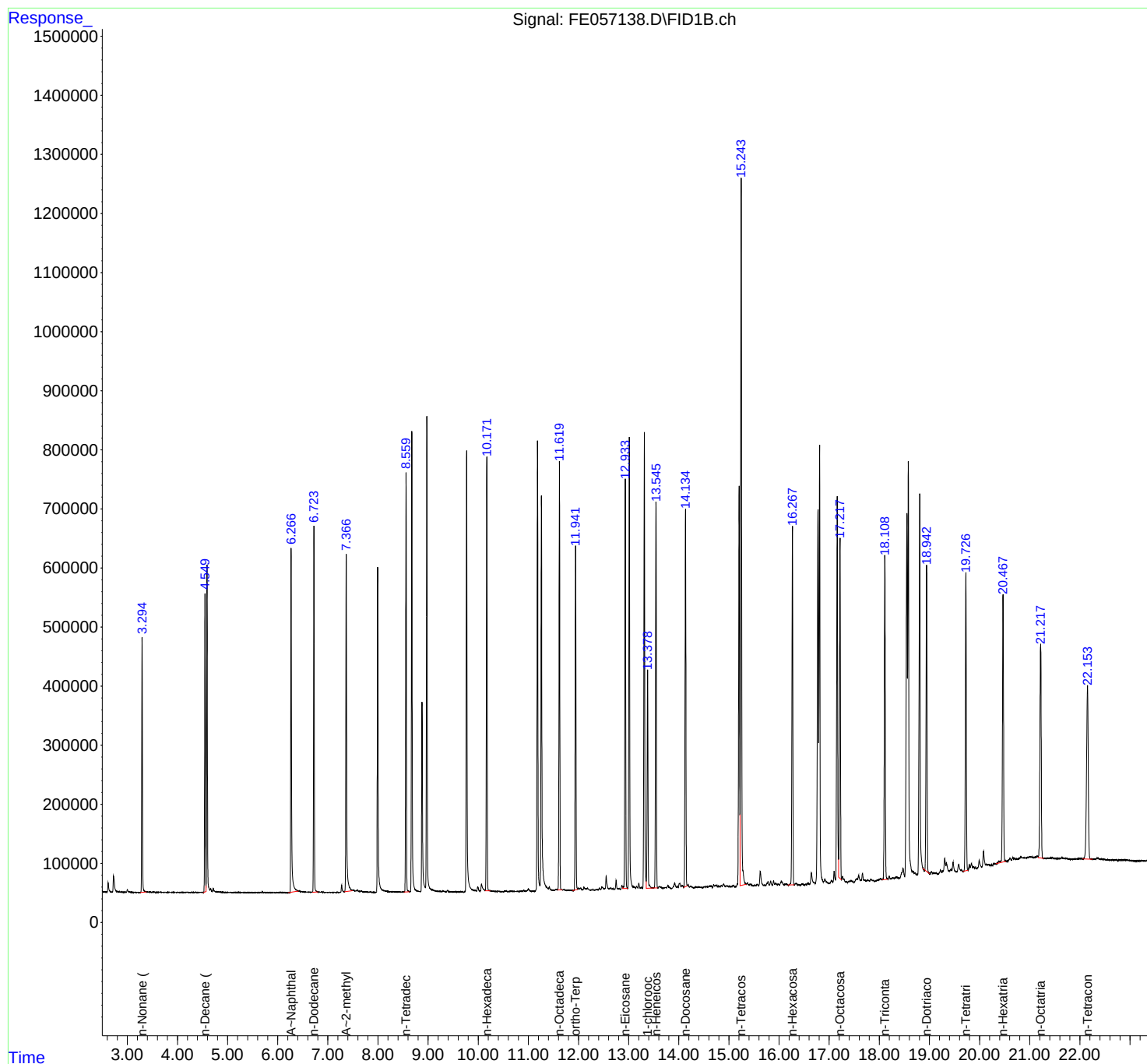
(m)=manual int.

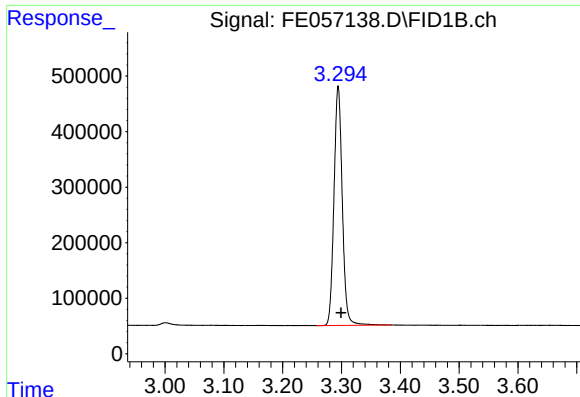
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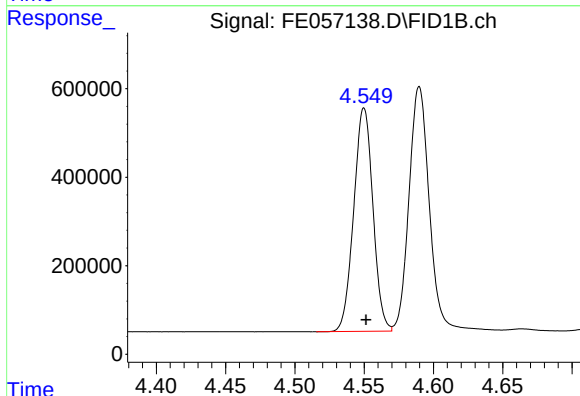




#1 n-Nonane (C9)

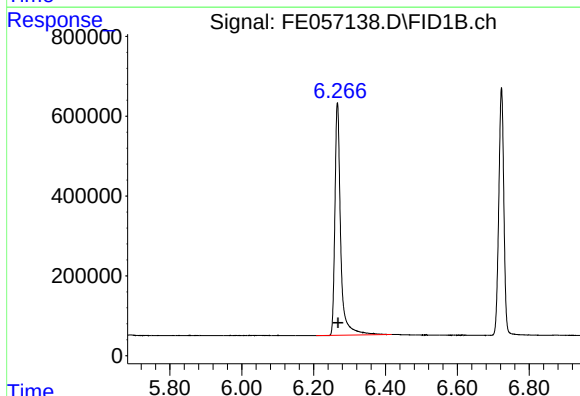
R.T.: 3.294 min
Delta R.T.: -0.005 min
Response: 4226743
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-24MS



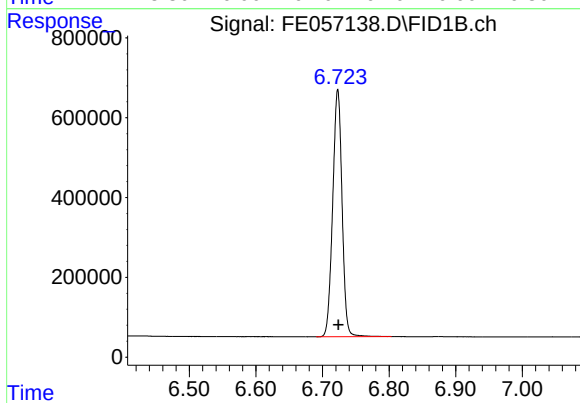
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 4869954
Conc: 24.08 ug/ml



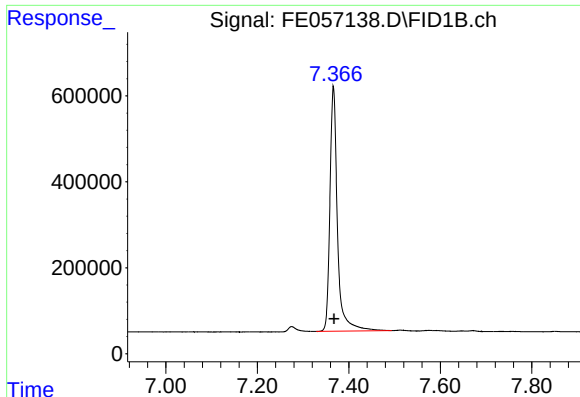
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 6485585
Conc: 32.21 ug/ml



#4 n-Dodecane (C12)

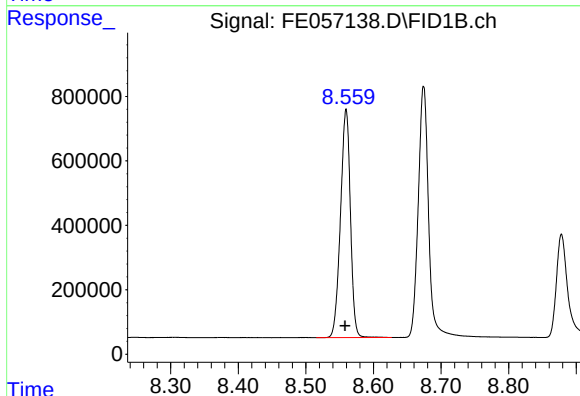
R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 6058795
Conc: 29.69 ug/ml



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

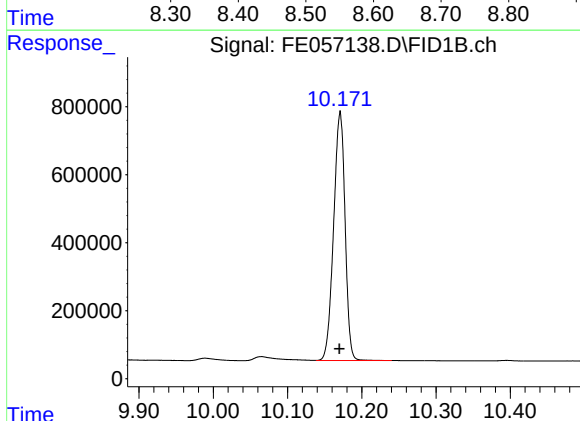
R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 6531942
Conc: 33.99 ug/ml

Instrument :
FID_E
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SB-1125-24MS



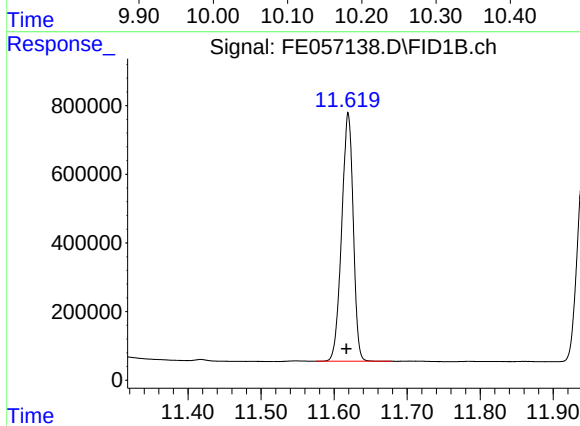
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.002 min
Response: 7221993
Conc: 35.88 ug/ml



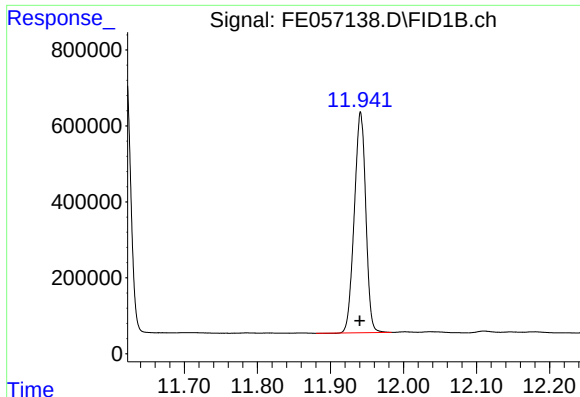
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 7835243
Conc: 38.21 ug/ml



#8 n-Octadecane (C18)

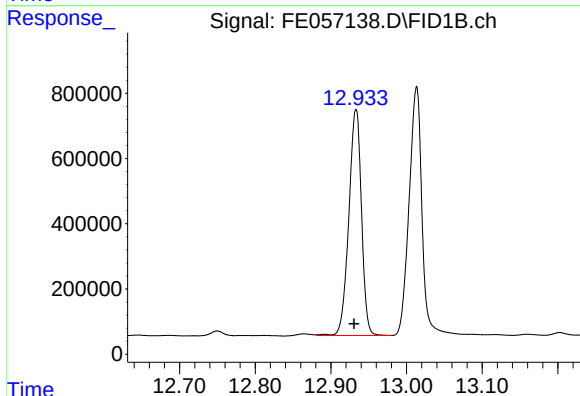
R.T.: 11.619 min
Delta R.T.: 0.002 min
Response: 7951060
Conc: 38.58 ug/ml



#9 ortho-Terphenyl (SURR)

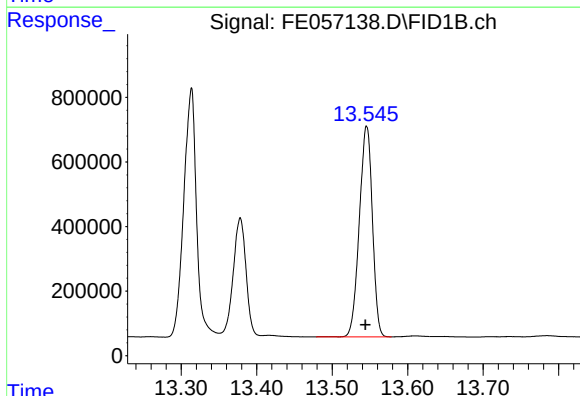
R.T.: 11.941 min
Delta R.T.: 0.001 min
Response: 6350963
Conc: 28.94 ug/ml

Instrument :
FID_E
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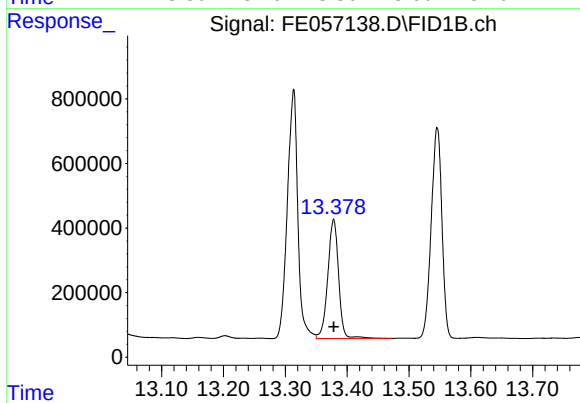
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: 0.002 min
Response: 8055729
Conc: 40.95 ug/ml



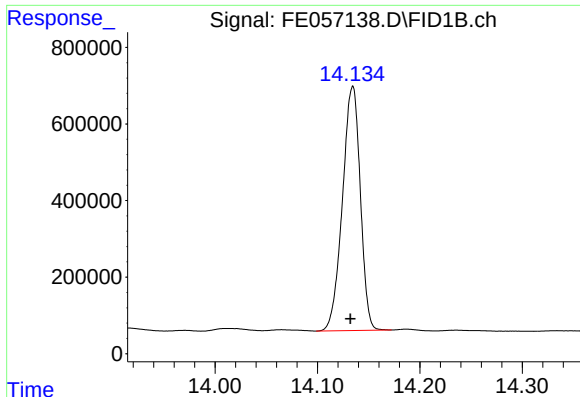
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.001 min
Response: 7836546
Conc: 40.79 ug/ml



#12 1-chlorooctadecane (SURR)

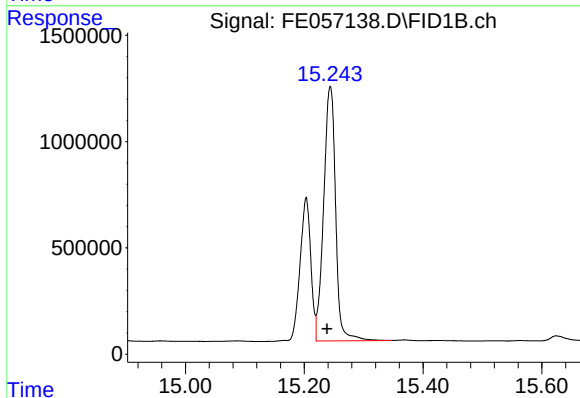
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 4484501
Conc: 26.95 ug/ml



#13 n-Docosane (C22)

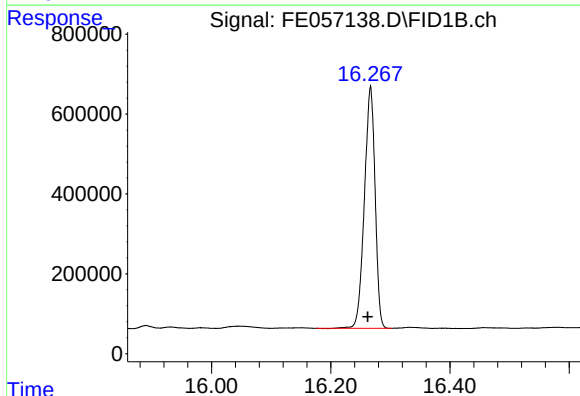
R.T.: 14.134 min
Delta R.T.: 0.002 min
Response: 7732232
Conc: 40.05 ug/ml

Instrument :
FID_E
ClientSampleId :
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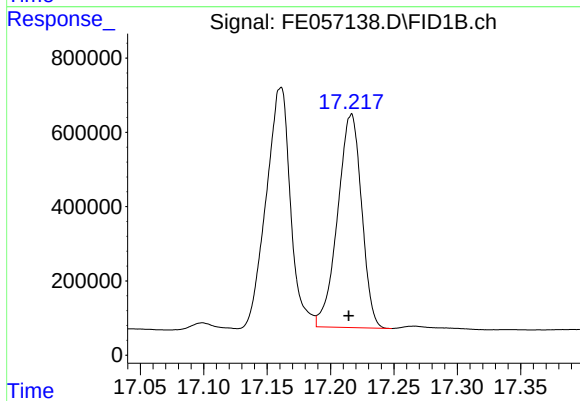
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.005 min
Response: 16742703
Conc: 84.53 ug/ml



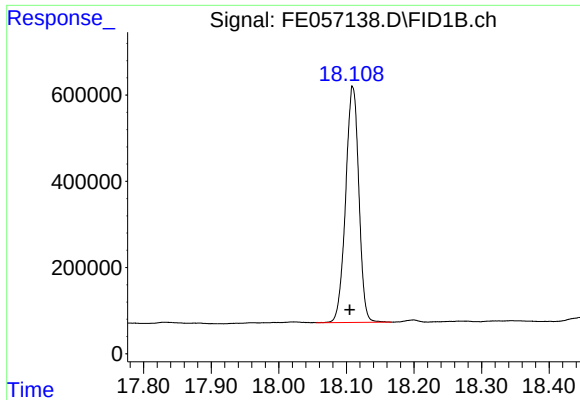
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.005 min
Response: 7552051
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

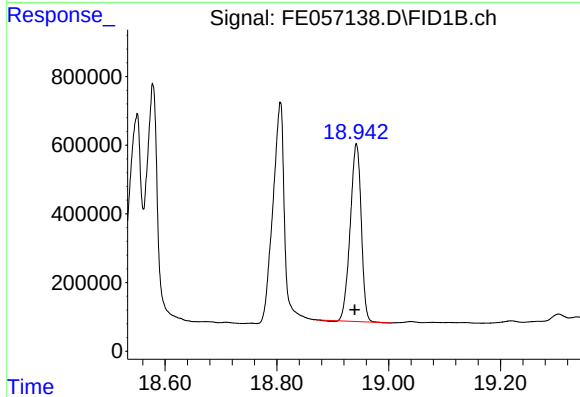
R.T.: 17.216 min
Delta R.T.: 0.002 min
Response: 7556540
Conc: 36.77 ug/ml



#17 n-Tricontane (C30)

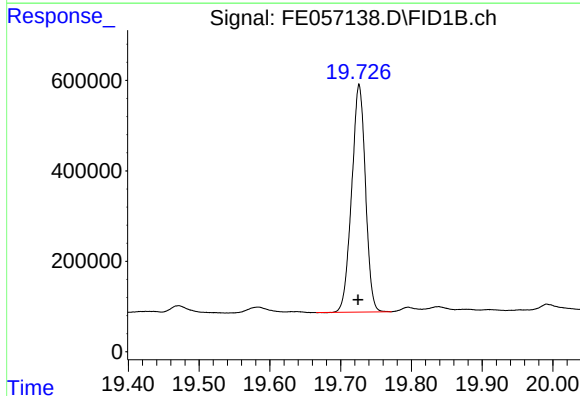
R.T.: 18.110 min
Delta R.T.: 0.005 min
Response: 7435710
Conc: 33.13 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-24MS



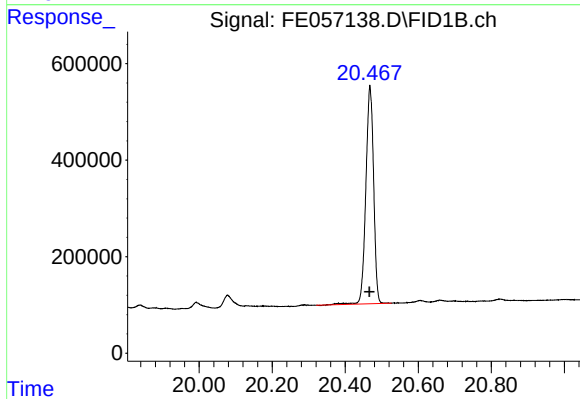
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.003 min
Response: 7045456
Conc: 30.18 ug/ml



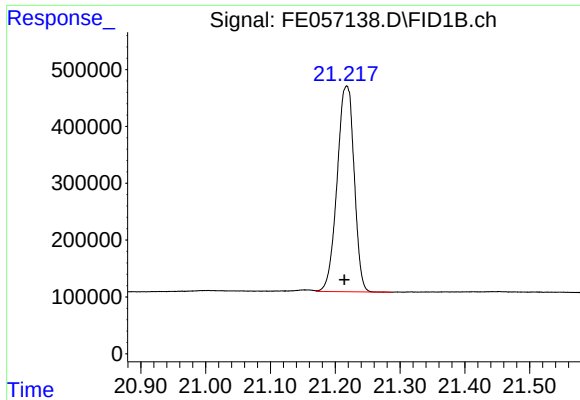
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.002 min
Response: 6813100
Conc: 31.90 ug/ml



#20 n-Hexatriacontane (C36)

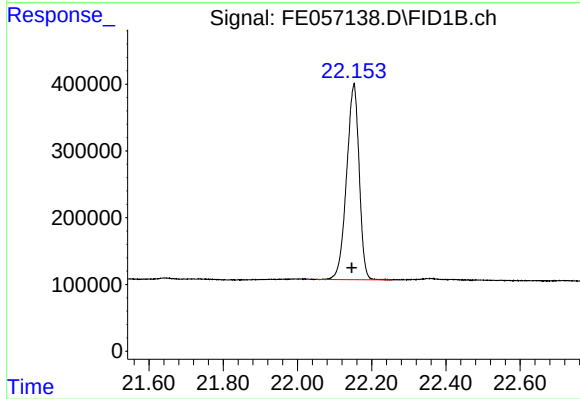
R.T.: 20.468 min
Delta R.T.: 0.002 min
Response: 6674154
Conc: 35.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.004 min
Response: 6614084
Conc: 38.16 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-24MS



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.005 min
Response: 6879692
Conc: 40.83 ug/ml