

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054802.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 08:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 11 12:51:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.082	3190197	19.645 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.518	2417045	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.421	2791643	20.754 ug/ml
2) T n-Decane (C10)	4.678	2891299	21.190 ug/ml
3) T A~Naphthalene (C11.7)	6.397	3223045	21.286 ug/ml
4) T n-Dodecane (C12)	6.854	2950938	21.507 ug/ml
5) T A~2-methylnaphthalene...	7.498	3129947	21.292 ug/ml
6) T n-Tetradecane (C14)	8.691	2950767	21.286 ug/ml
7) T n-Hexadecane (C16)	10.307	2993459	21.005 ug/ml
8) T n-Octadecane (C18)	11.756	2971847	20.278 ug/ml
10) T n-Eicosane (C20)	13.071	2807240	19.523 ug/ml
11) T n-Heneicosane (C21)	13.685	2746262	19.227 ug/ml
13) T n-Docosane (C22)	14.273	2717748	19.033 ug/ml
14) T n-Tetracosane (C24)	15.380	2705983	18.615 ug/ml
15) T n-Hexacosane (C26)	16.402	2671432	18.460 ug/ml
16) T n-Octacosane (C28)	17.355	2660082	18.252 ug/ml
17) T n-Tricontane (C30)	18.245	2764557	17.543 ug/ml
18) T n-Dotriacontane (C32)	19.080	2754571	17.026 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2604172	17.089 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2409869	17.923 ug/ml
21) T n-Octatriacontane (C38)	21.386	2466171	21.027 ug/ml
22) T n-Tetracontane (C40)	22.381	2353267	21.712 ug/ml

(f)=RT Delta > 1/2 Window

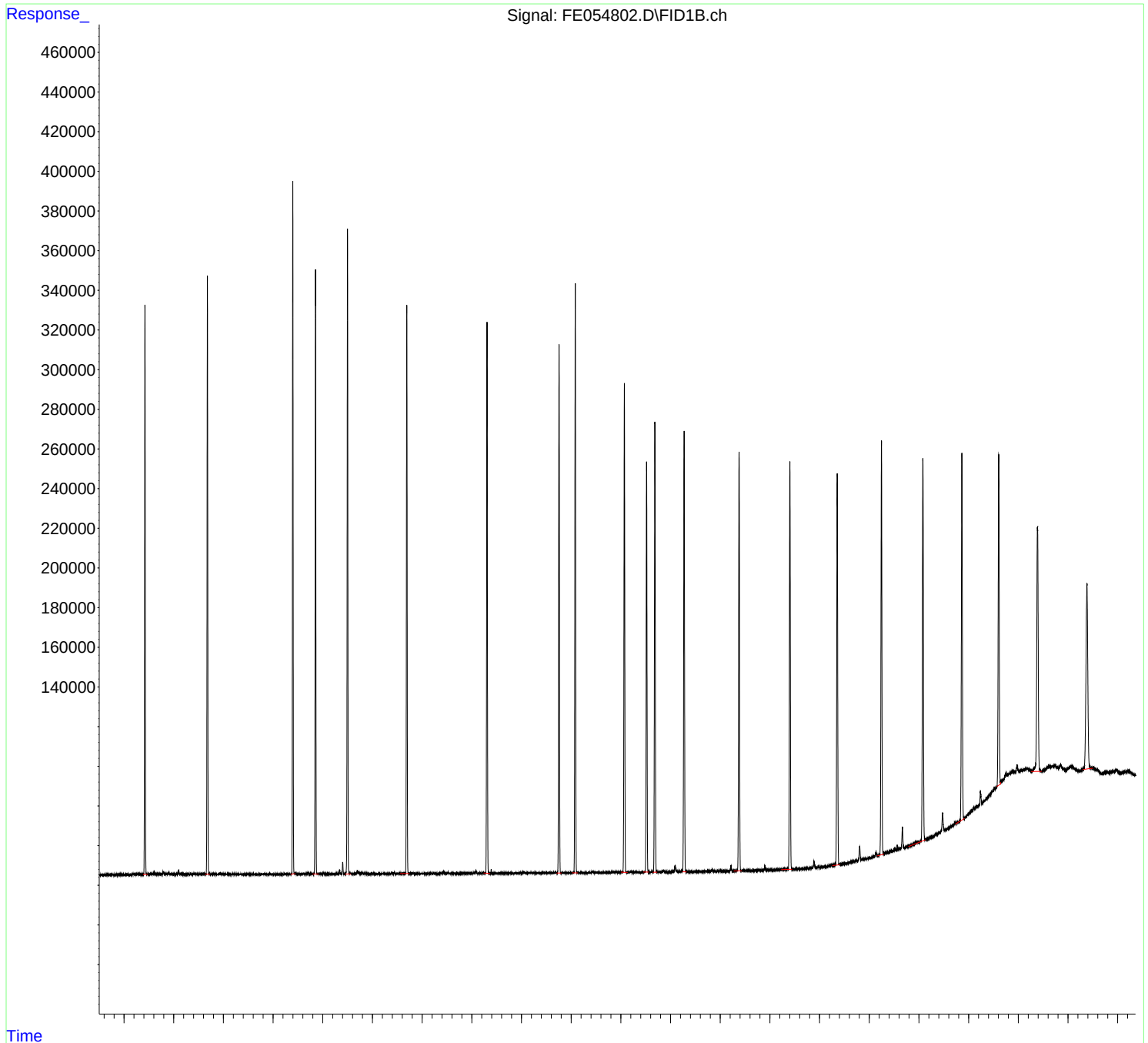
(m)=manual int.

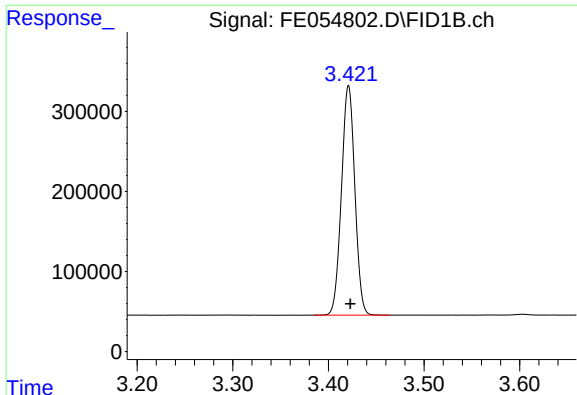
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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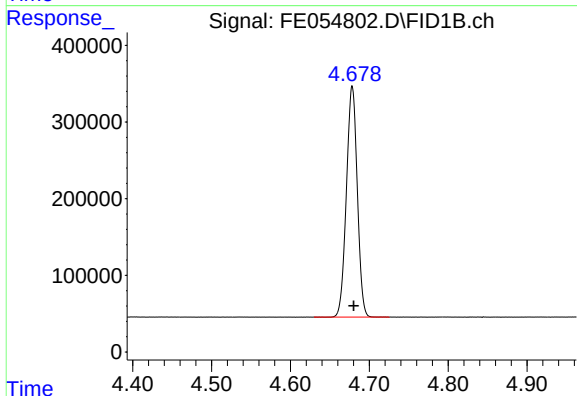




#1 n-Nonane (C9)

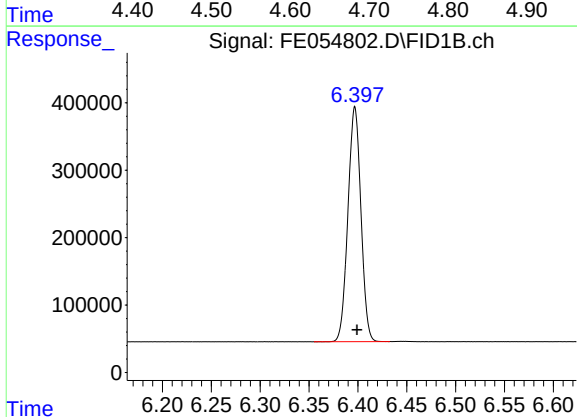
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2791643
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



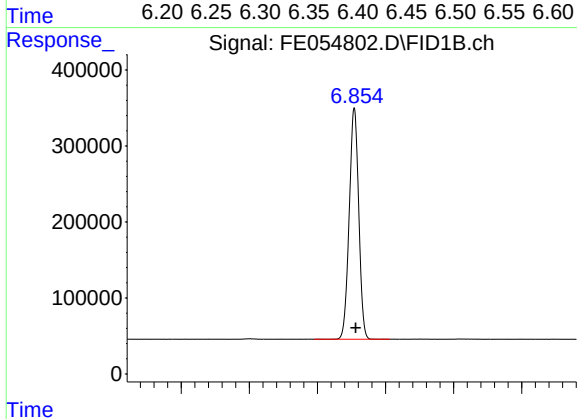
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2891299
Conc: 21.19 ug/ml



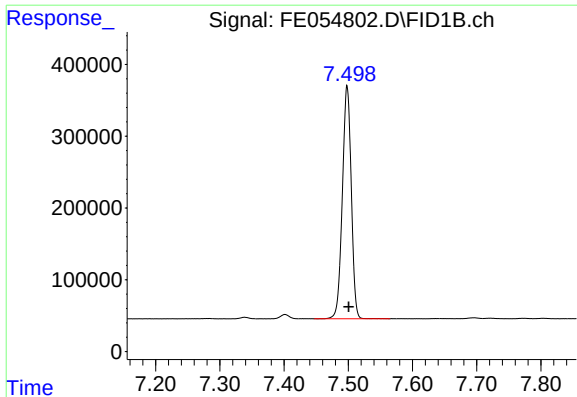
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 3223045
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

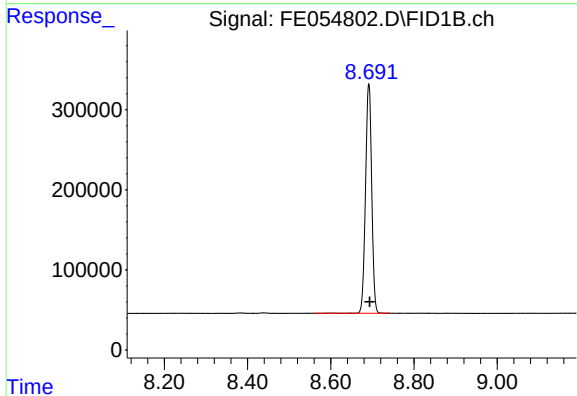
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2950938
Conc: 21.51 ug/ml



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

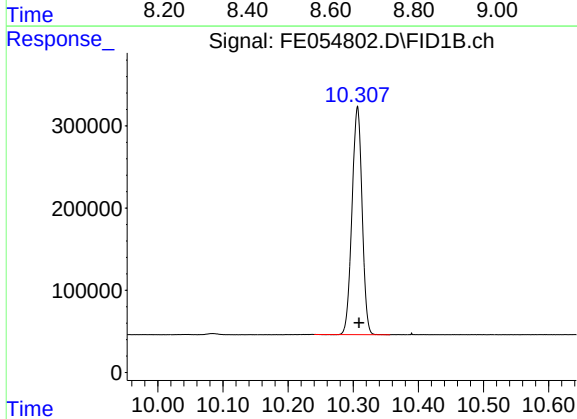
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 3129947
Conc: 21.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



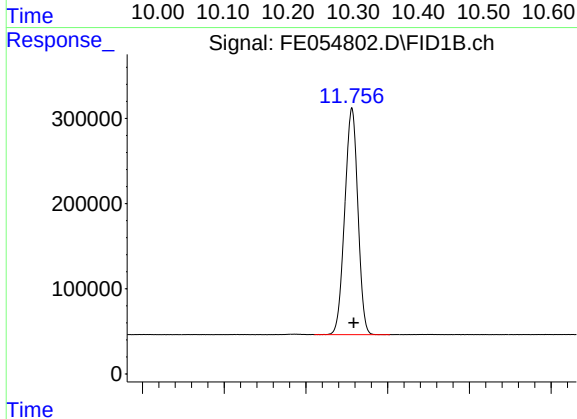
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2950767
Conc: 21.29 ug/ml



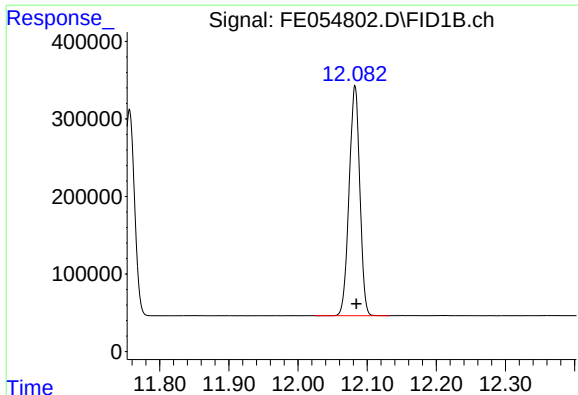
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2993459
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

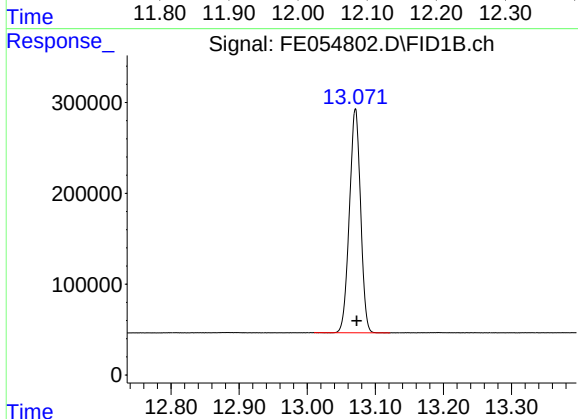
R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 2971847
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

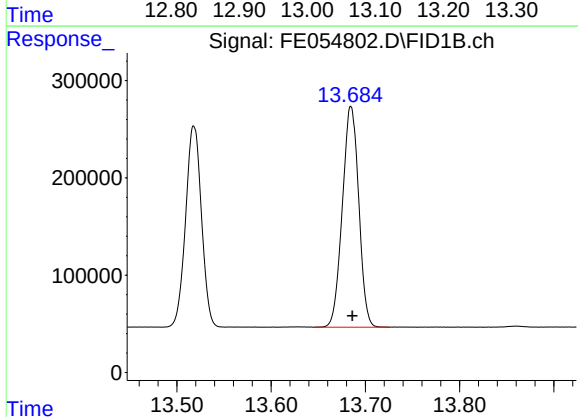
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 3190197
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



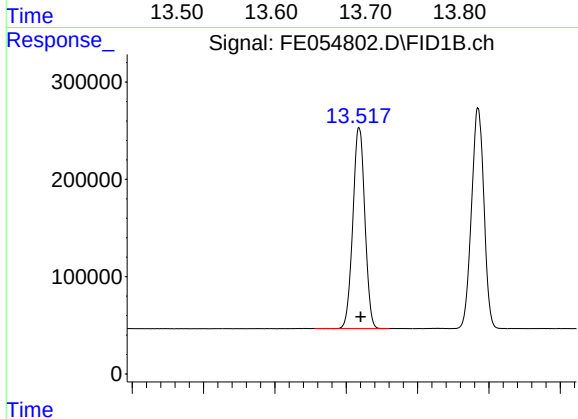
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 2807240
Conc: 19.52 ug/ml



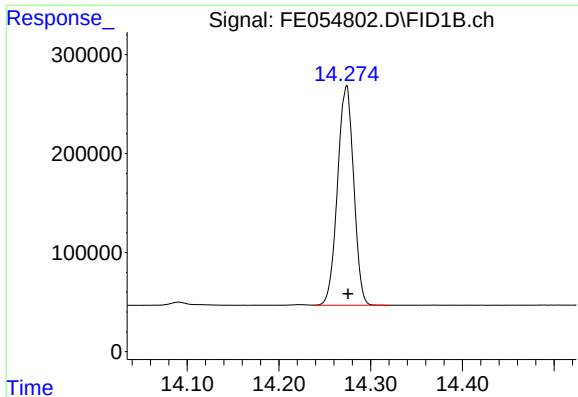
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.001 min
Response: 2746262
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

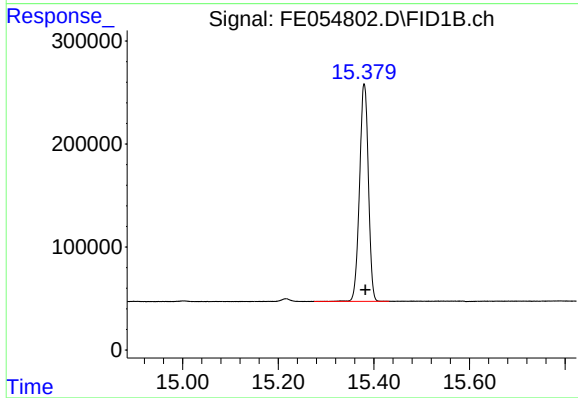
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2417045
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

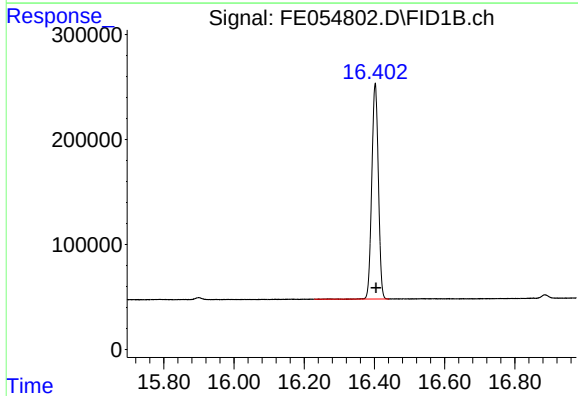
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 2717748
Conc: 19.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



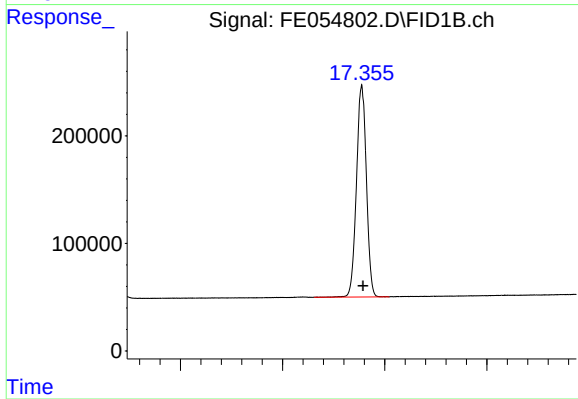
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 2705983
Conc: 18.62 ug/ml



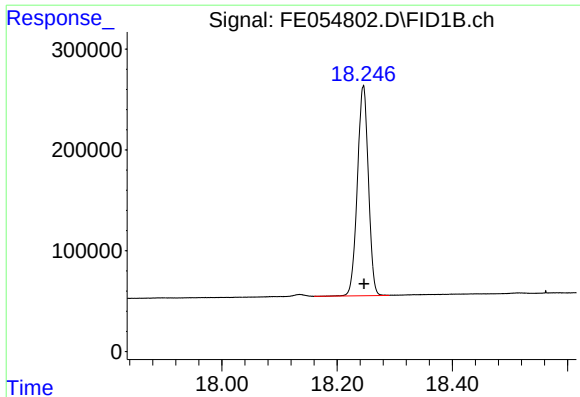
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 2671432
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

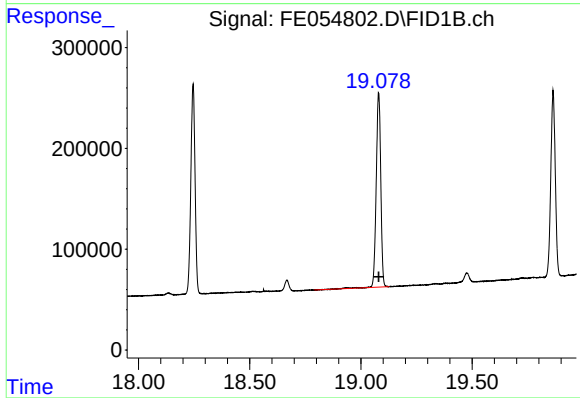
R.T.: 17.355 min
Delta R.T.: -0.003 min
Response: 2660082
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

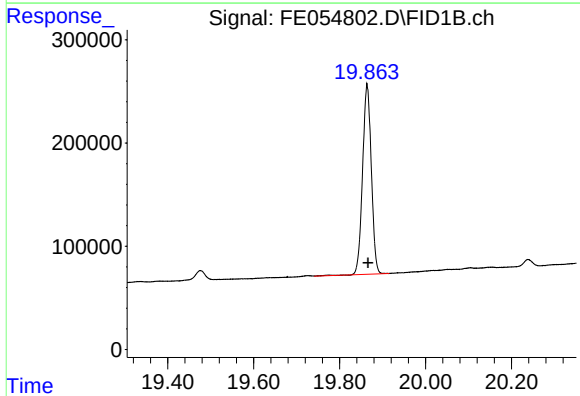
R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 2764557
Conc: 17.54 ug/ml

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20 PPM ALIPHATIC HC STD



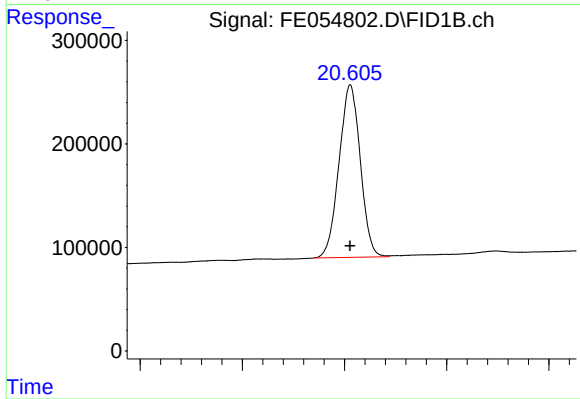
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 2754571
Conc: 17.03 ug/ml



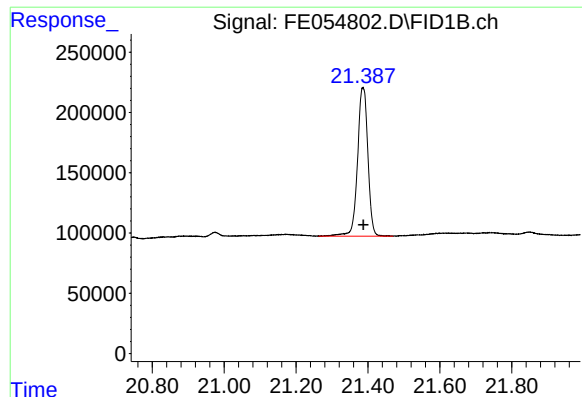
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 2604172
Conc: 17.09 ug/ml



#20 n-Hexatriacontane (C36)

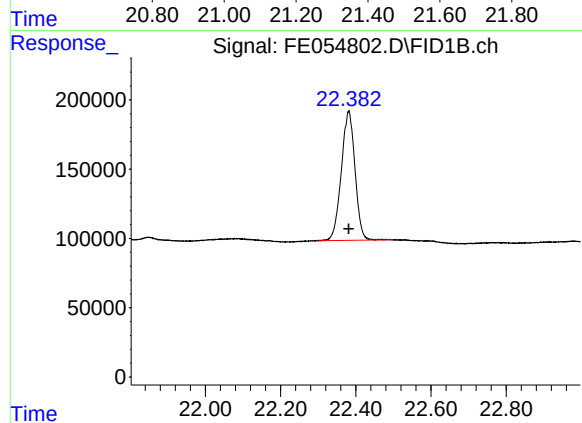
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 2409869
Conc: 17.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.001 min
Response: 2466171
Conc: 21.03 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 2353267
Conc: 21.71 ug/ml