

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054324.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 00:24
 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: Jun 12 01:27:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.828	3321965	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.273	2469104	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.177	2480167	19.972 ug/ml
2) T n-Decane (C10)	4.440	2509380	20.196 ug/ml
3) T A~Naphthalene (C11.7)	6.155	2700771	19.985 ug/ml
4) T n-Dodecane (C12)	6.622	2576942	20.238 ug/ml
5) T A~2-methylnaphthalene...	7.258	2670428	20.161 ug/ml
6) T n-Tetradecane (C14)	8.457	2606935	20.136 ug/ml
7) T n-Hexadecane (C16)	10.069	2677055	20.153 ug/ml
8) T n-Octadecane (C18)	11.515	2708691	20.059 ug/ml
10) T n-Eicosane (C20)	12.828	2691214	20.117 ug/ml
11) T n-Heneicosane (C21)	13.441	2675724	20.123 ug/ml
13) T n-Docosane (C22)	14.029	2656773	20.262 ug/ml
14) T n-Tetracosane (C24)	15.134	2618367	20.298 ug/ml
15) T n-Hexacosane (C26)	16.156	2549619	20.311 ug/ml
16) T n-Octacosane (C28)	17.108	2502241	20.405 ug/ml
17) T n-Tricontane (C30)	17.996	2558509	20.643 ug/ml
18) T n-Dotriacontane (C32)	18.829	2612113	20.790 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2566401	20.629 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2643789	20.537 ug/ml
21) T n-Octatriacontane (C38)	21.083	2661364	20.155 ug/ml
22) T n-Tetracontane (C40)	21.972	2671022	19.828 ug/ml

(f)=RT Delta > 1/2 Window

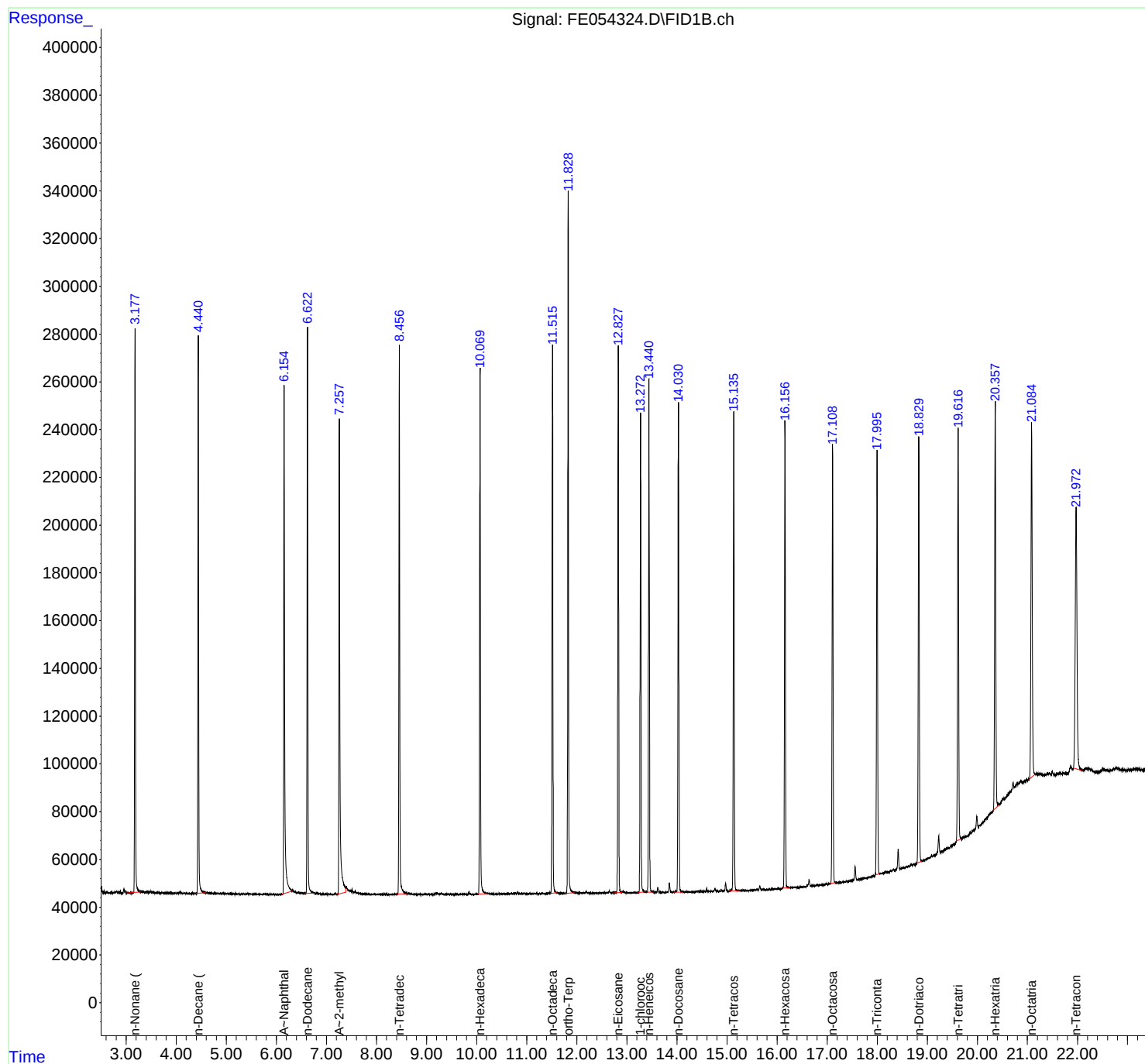
(m)=manual int.

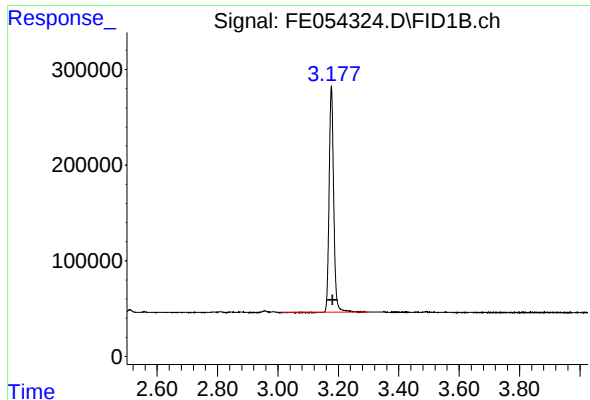
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
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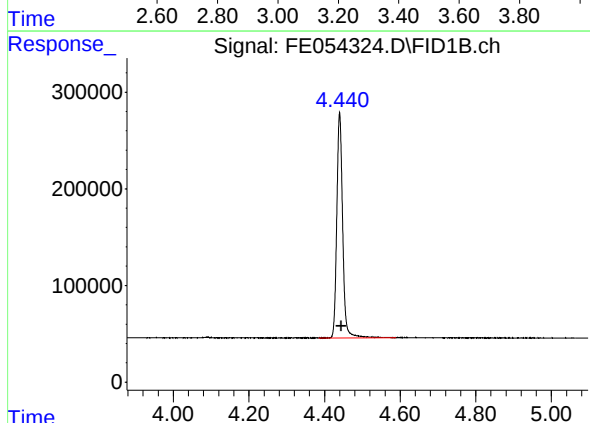




#1 n-Nonane (C9)

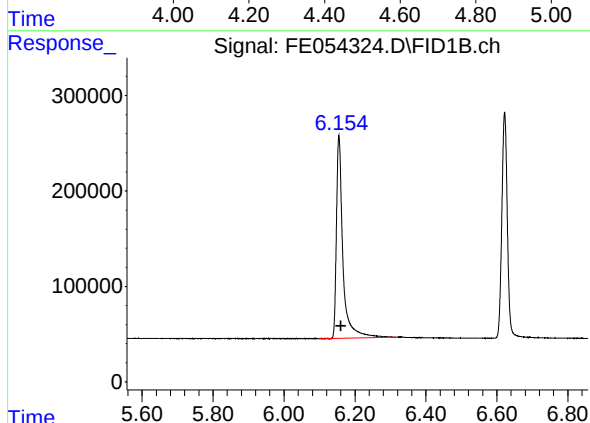
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 2480167
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



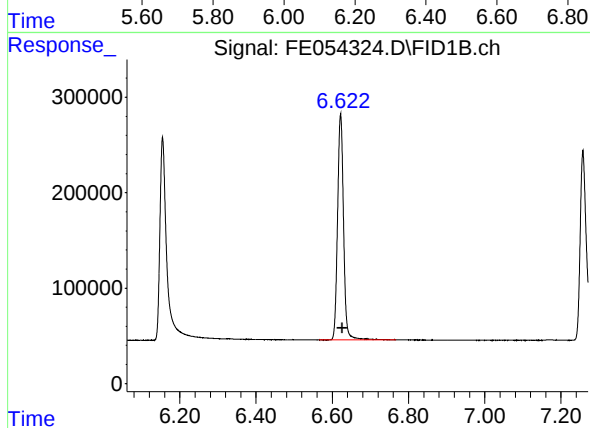
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 2509380
Conc: 20.20 ug/ml



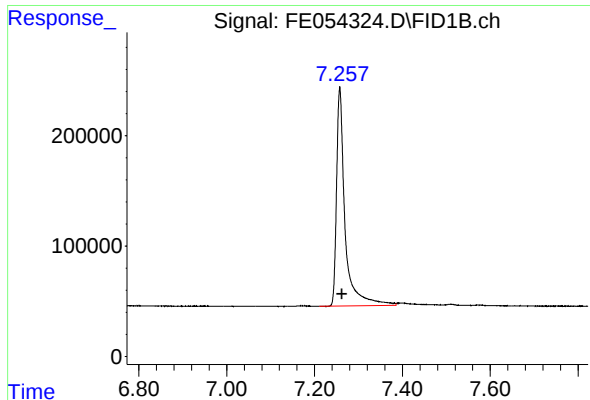
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2700771
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

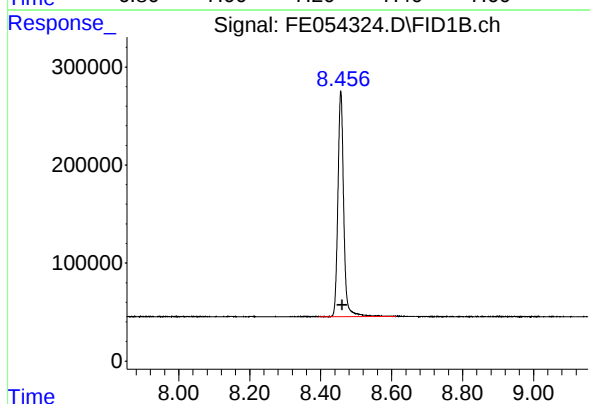
R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 2576942
Conc: 20.24 ug/ml



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

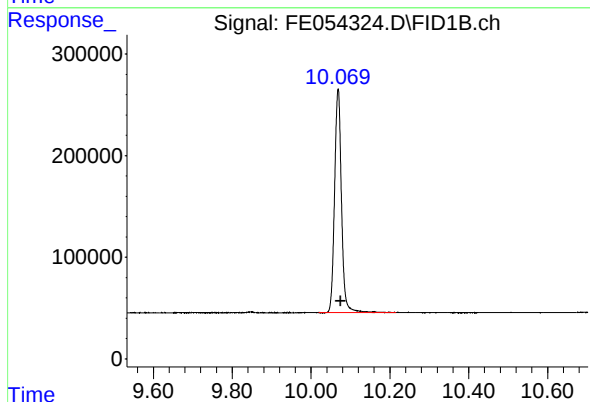
R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 2670428
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



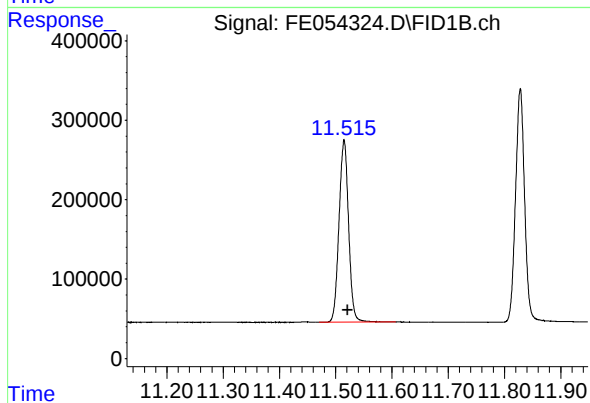
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 2606935
Conc: 20.14 ug/ml



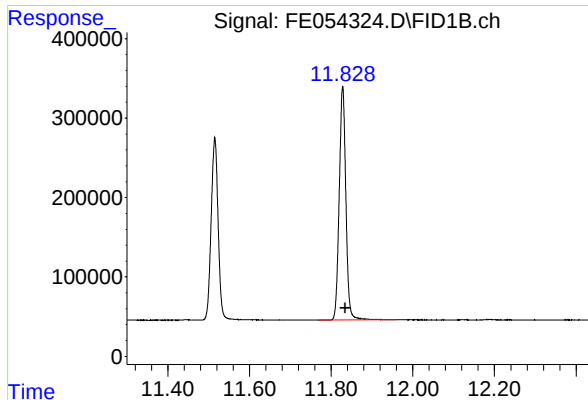
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.006 min
Response: 2677055
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

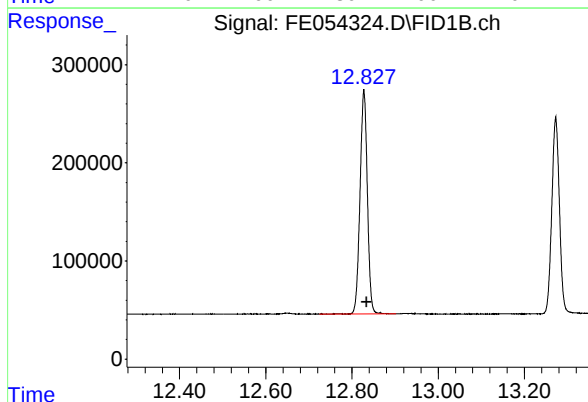
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2708691
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

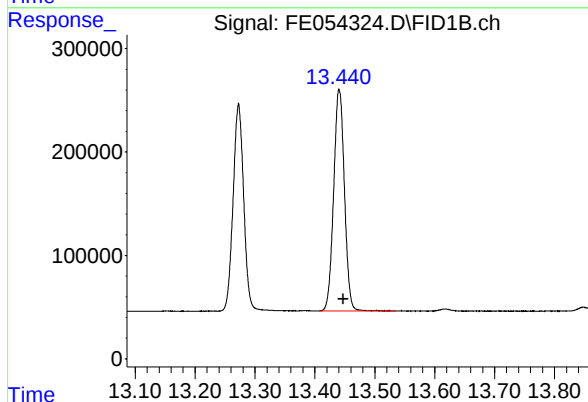
R.T.: 11.828 min
Delta R.T.: -0.007 min
Response: 3321965
Conc: 20.10 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



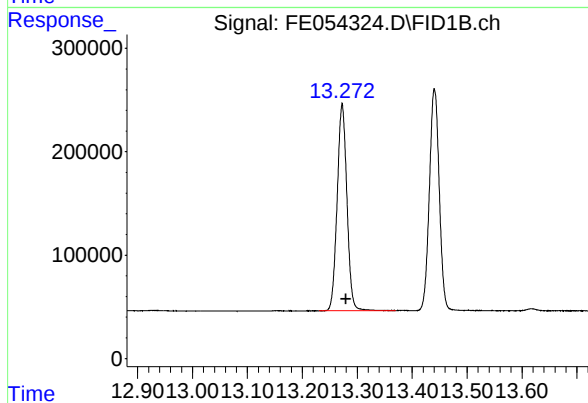
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.007 min
Response: 2691214
Conc: 20.12 ug/ml



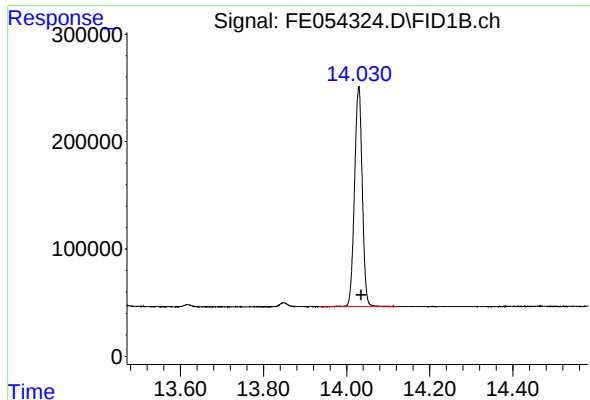
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.007 min
Response: 2675724
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

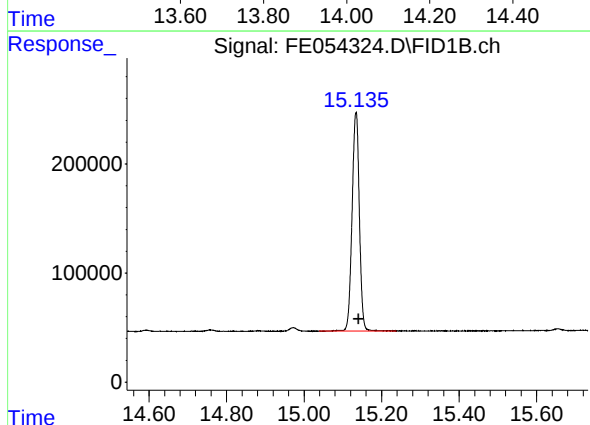
R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2469104
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

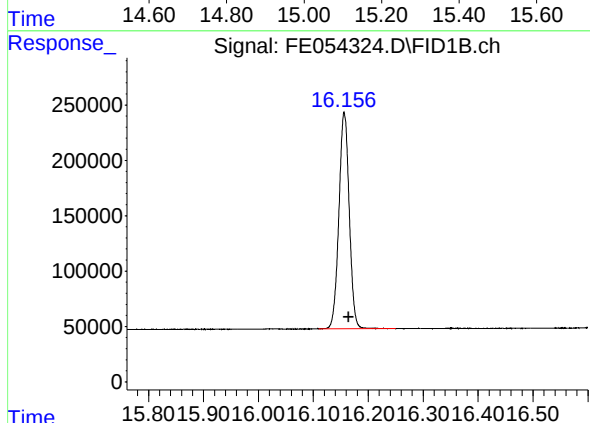
R.T.: 14.029 min
Delta R.T.: -0.006 min
Response: 2656773
Conc: 20.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



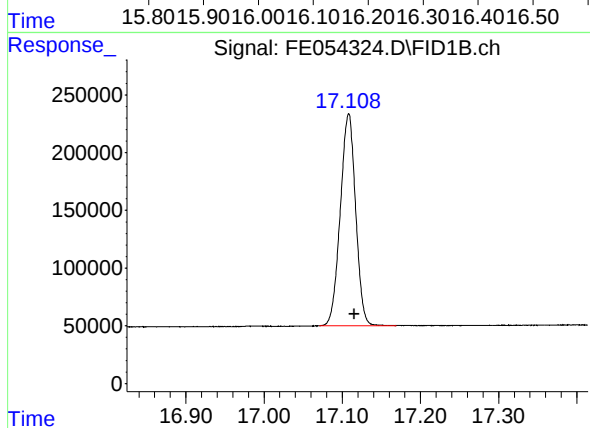
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 2618367
Conc: 20.30 ug/ml



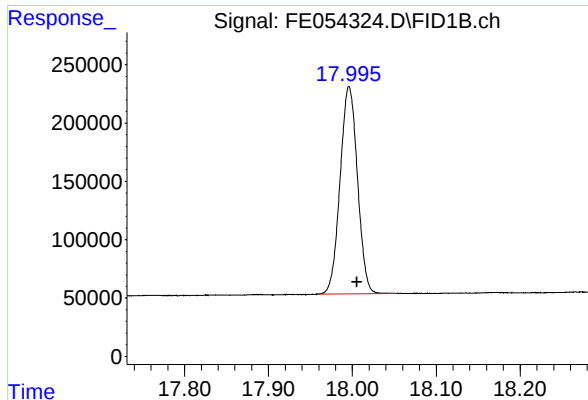
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 2549619
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

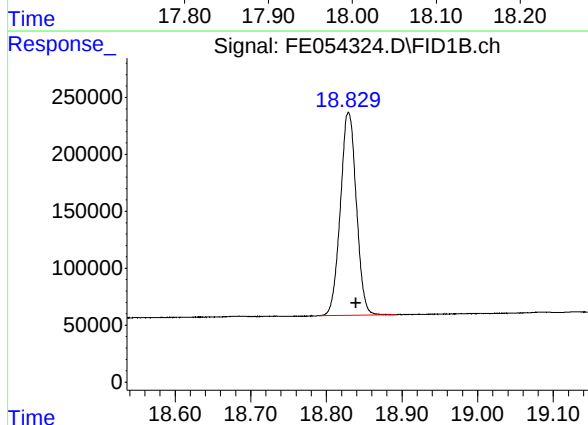
R.T.: 17.108 min
Delta R.T.: -0.007 min
Response: 2502241
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

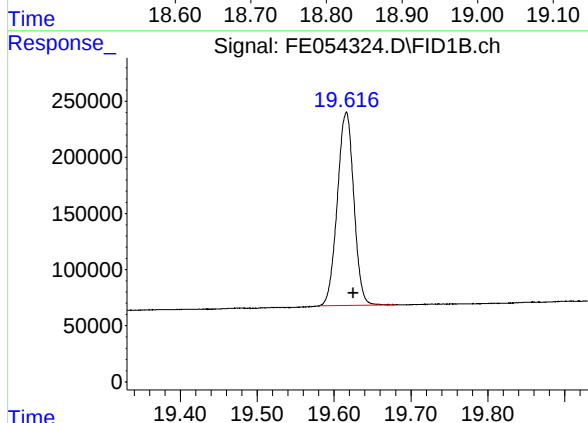
R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 2558509
Conc: 20.64 ug/ml

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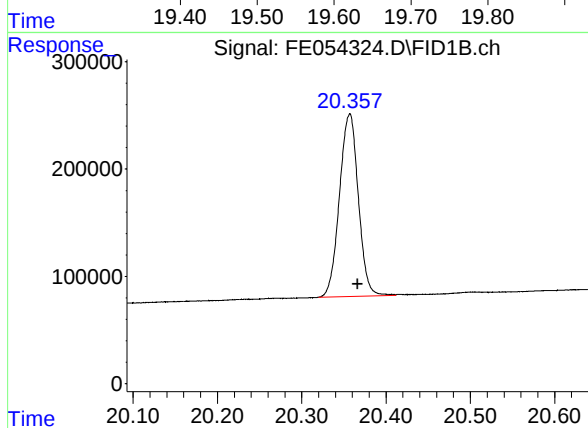
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.010 min
Response: 2612113
Conc: 20.79 ug/ml



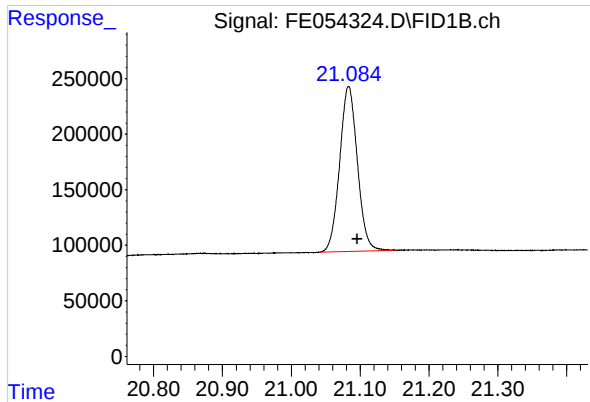
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 2566401
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

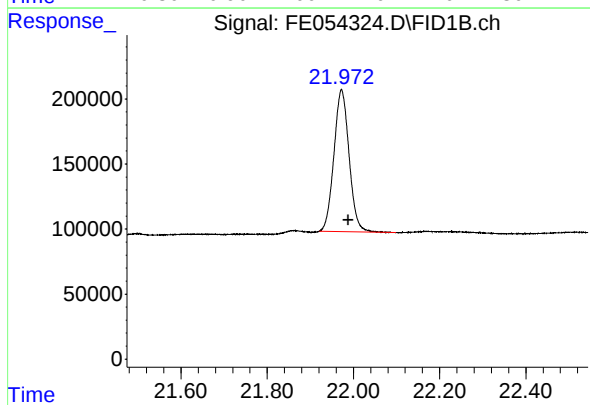
R.T.: 20.357 min
Delta R.T.: -0.009 min
Response: 2643789
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.012 min
Response: 2661364
Conc: 20.16 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.016 min
Response: 2671022
Conc: 19.83 ug/ml