

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
 Data File : FE042655.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2023 09:52
 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 17 01:06:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.934	3570268	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.370	2673783	20.122 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.315	2825026	19.591 ug/ml
2) T n-Decane (C10)	4.567	2864787	19.352 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3103825	19.023 ug/ml
4) T n-Dodecane (C12)	6.735	2892439	19.289 ug/ml
5) T A~2-methylnaphthalene...	7.371	2982854	18.795 ug/ml
6) T n-Tetradecane (C14)	8.564	2873220	19.179 ug/ml
7) T n-Hexadecane (C16)	10.172	3000217	19.261 ug/ml
8) T n-Octadecane (C18)	11.615	3080297	19.479 ug/ml
10) T n-Eicosane (C20)	12.924	3027526	19.973 ug/ml
11) T n-Heneicosane (C21)	13.537	3001235	20.258 ug/ml
13) T n-Docosane (C22)	14.122	3010312	20.535 ug/ml
14) T n-Tetracosane (C24)	15.226	3035227	21.026 ug/ml
15) T n-Hexacosane (C26)	16.247	3007255	21.713 ug/ml
16) T n-Octacosane (C28)	17.196	2926178	21.856 ug/ml
17) T n-Tricontane (C30)	18.086	2908585	21.546 ug/ml
18) T n-Dotriacontane (C32)	18.918	2784282	20.842 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2646585	20.124 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2463175	18.951 ug/ml
21) T n-Octatriacontane (C38)	21.186	2383763	17.570 ug/ml
22) T n-Tetracontane (C40)	22.110	2307721	16.588 ug/ml

(f)=RT Delta > 1/2 Window

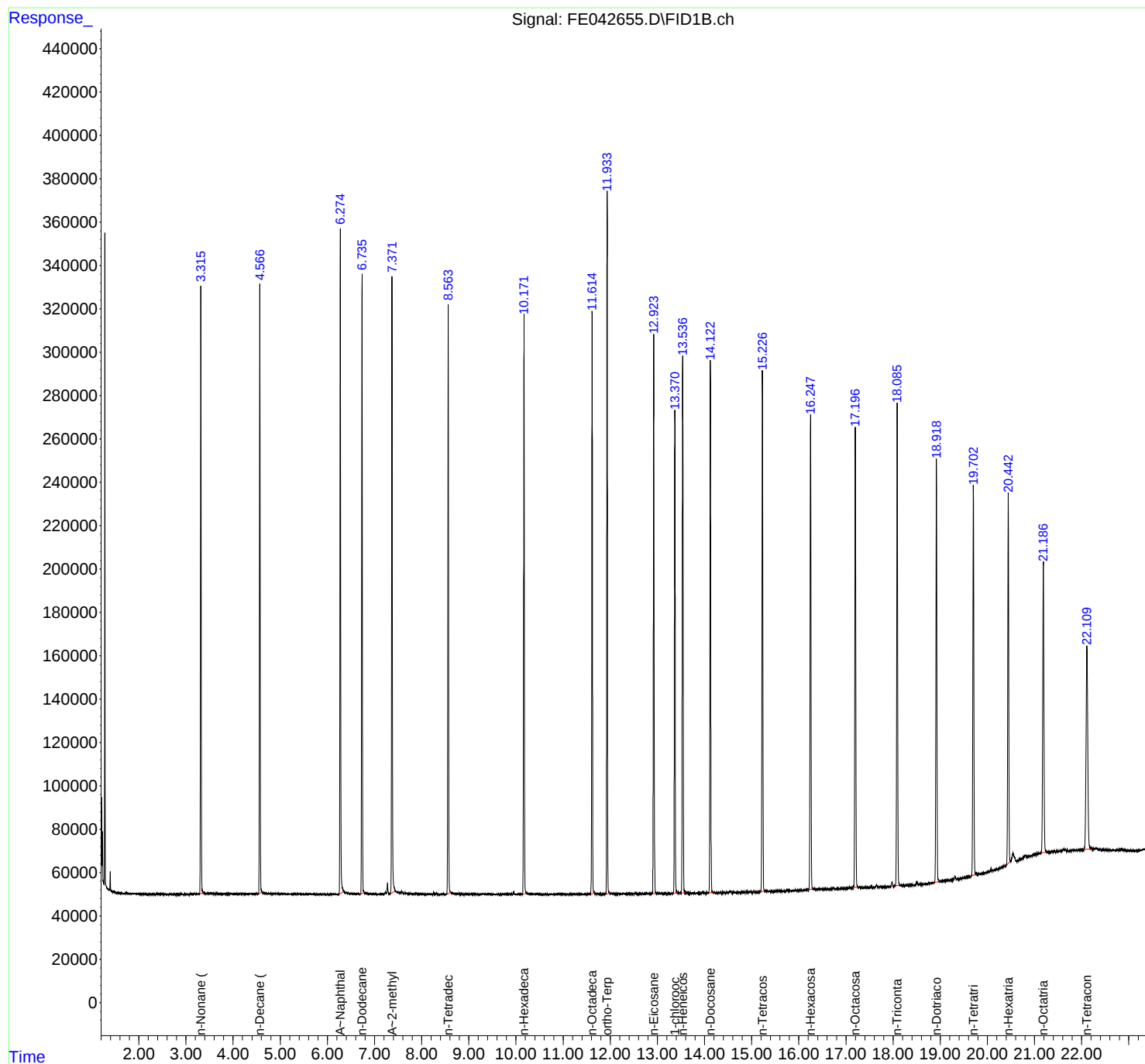
(m)=manual int.

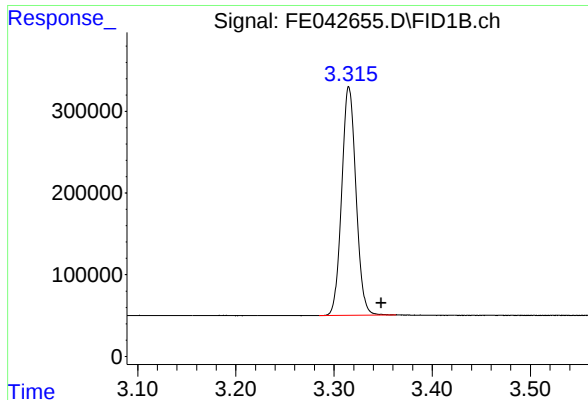
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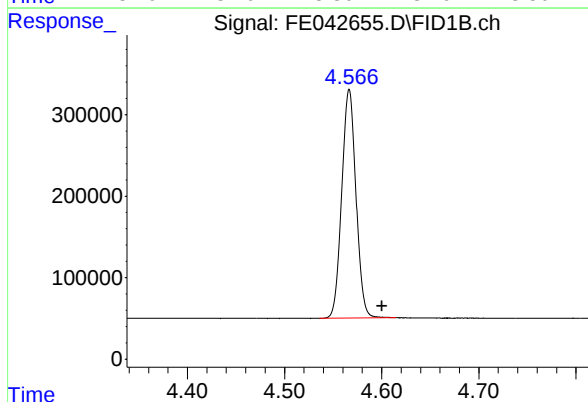




#1 n-Nonane (C9)

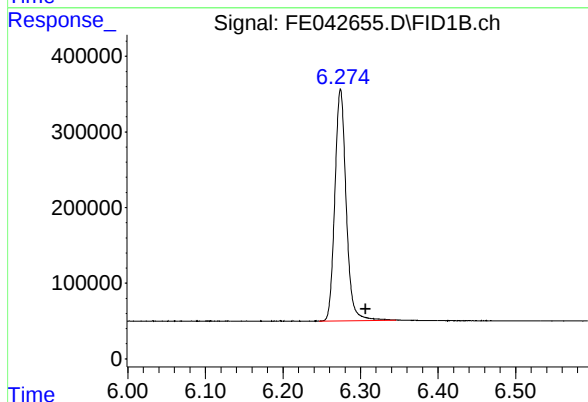
R.T.: 3.315 min
Delta R.T.: -0.033 min
Response: 2825026
Conc: 19.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



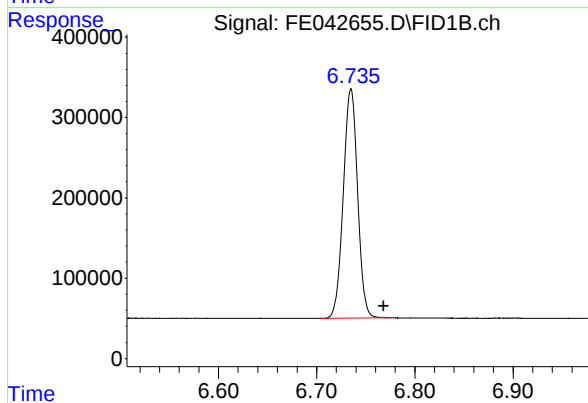
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.034 min
Response: 2864787
Conc: 19.35 ug/ml



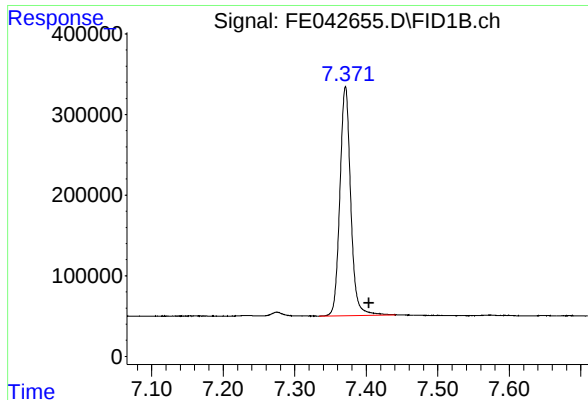
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.032 min
Response: 3103825
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

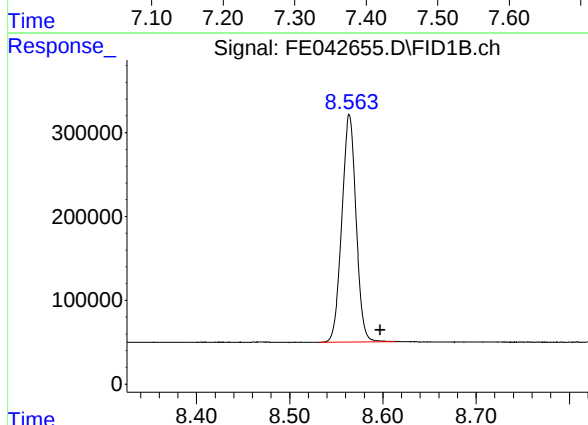
R.T.: 6.735 min
Delta R.T.: -0.033 min
Response: 2892439
Conc: 19.29 ug/ml



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

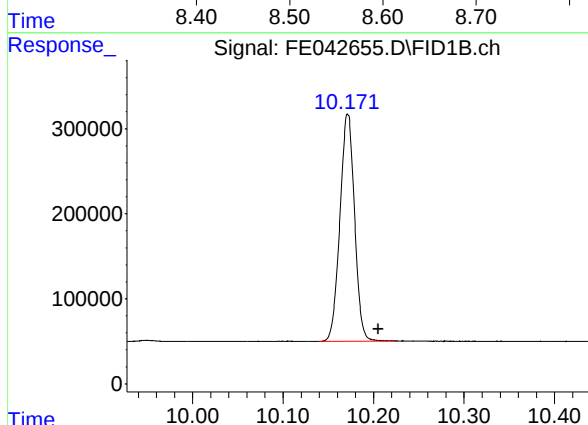
R.T.: 7.371 min
Delta R.T.: -0.033 min
Response: 2982854
Conc: 18.80 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



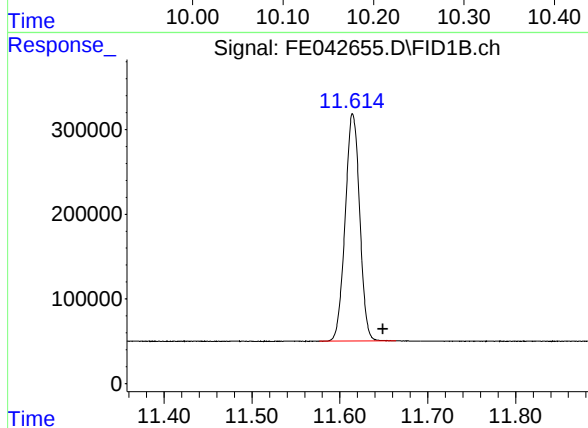
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.033 min
Response: 2873220
Conc: 19.18 ug/ml



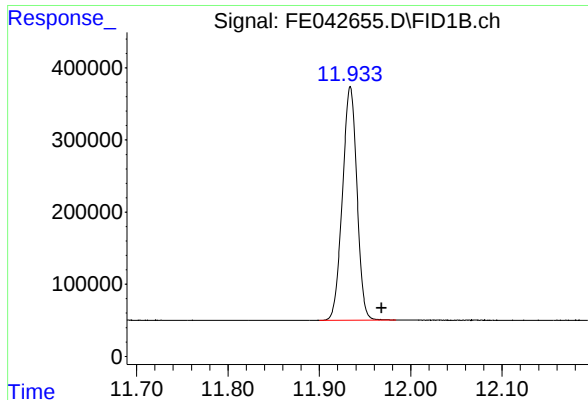
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.034 min
Response: 3000217
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

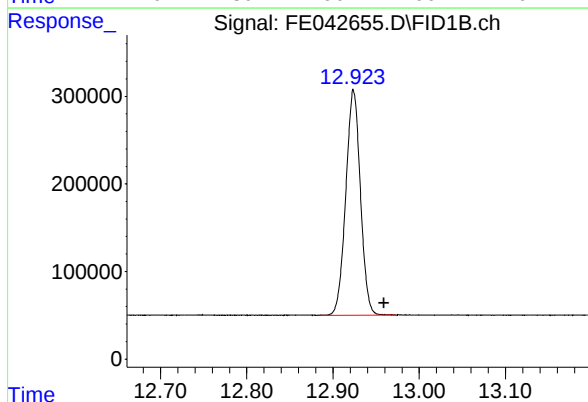
R.T.: 11.615 min
Delta R.T.: -0.034 min
Response: 3080297
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

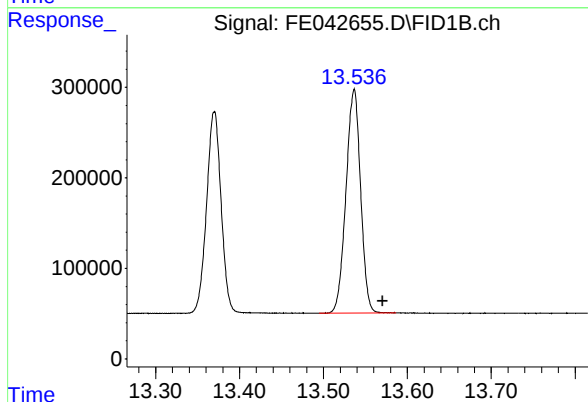
R.T.: 11.934 min
Delta R.T.: -0.034 min
Response: 3570268
Conc: 20.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



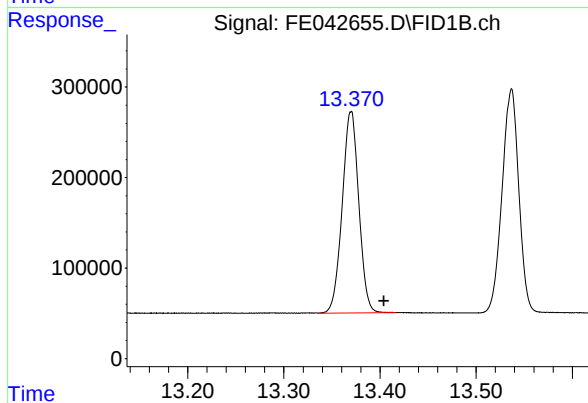
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.035 min
Response: 3027526
Conc: 19.97 ug/ml



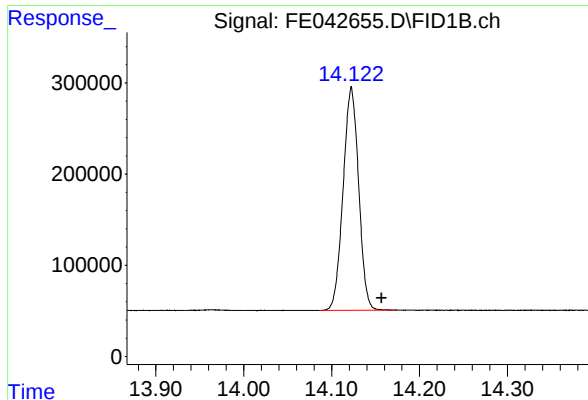
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.034 min
Response: 3001235
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

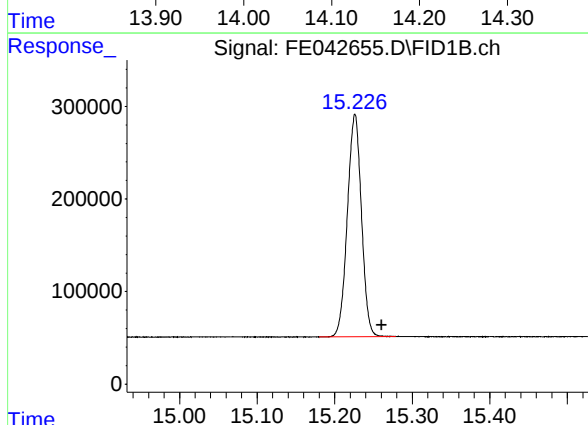
R.T.: 13.370 min
Delta R.T.: -0.034 min
Response: 2673783
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

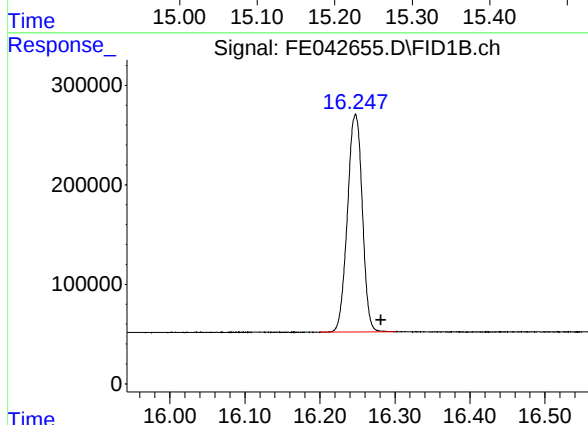
R.T.: 14.122 min
Delta R.T.: -0.035 min
Response: 3010312
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



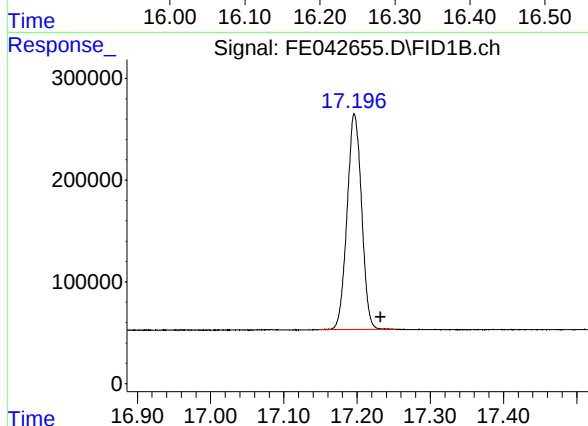
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.034 min
Response: 3035227
Conc: 21.03 ug/ml



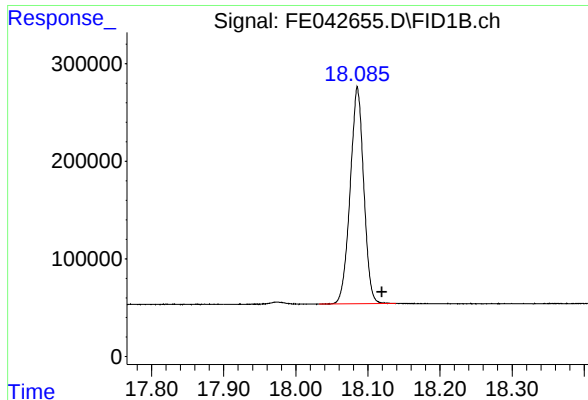
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.034 min
Response: 3007255
Conc: 21.71 ug/ml



#16 n-Octacosane (C28)

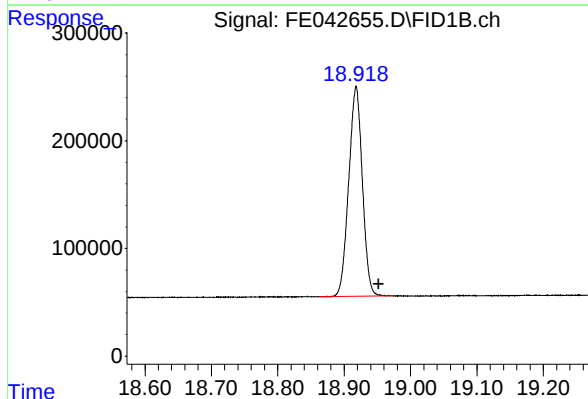
R.T.: 17.196 min
Delta R.T.: -0.036 min
Response: 2926178
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

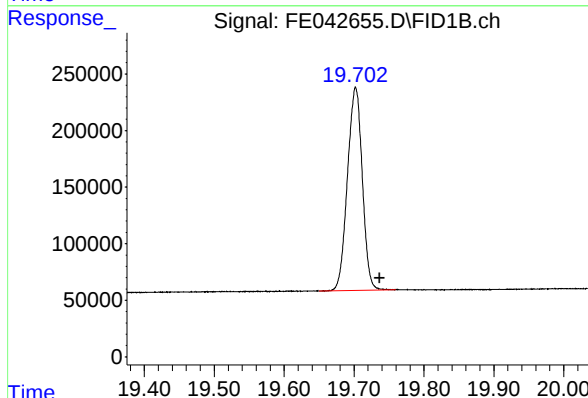
R.T.: 18.086 min
Delta R.T.: -0.034 min
Response: 2908585
Conc: 21.55 ug/ml

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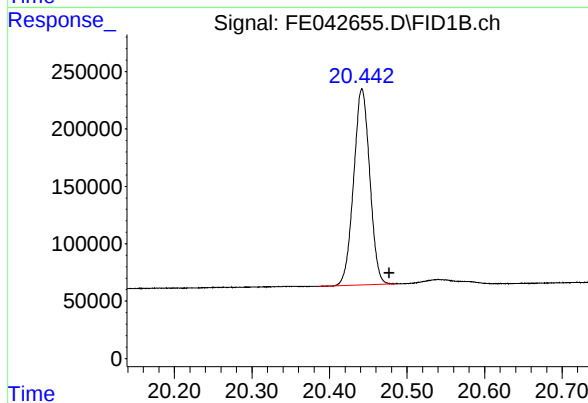
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.034 min
Response: 2784282
Conc: 20.84 ug/ml



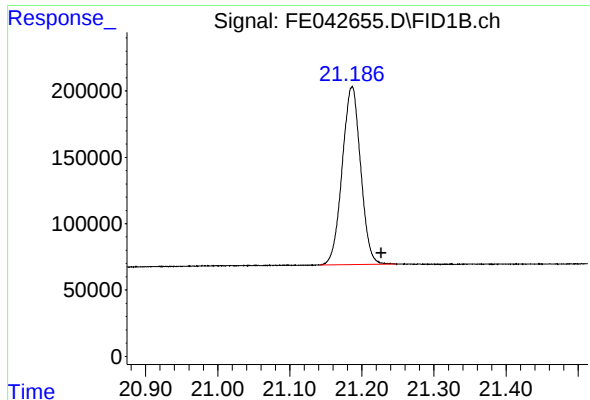
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.034 min
Response: 2646585
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

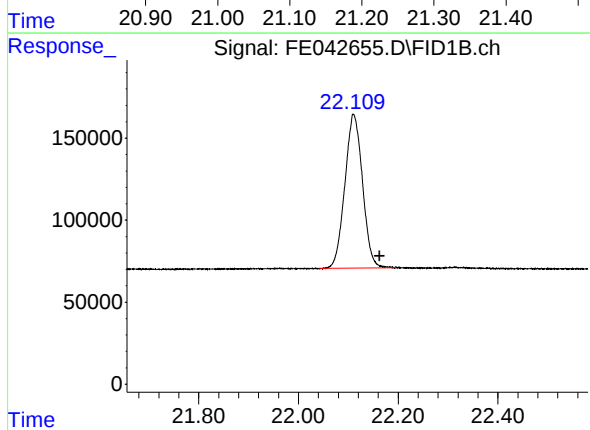
R.T.: 20.442 min
Delta R.T.: -0.035 min
Response: 2463175
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.041 min
Response: 2383763
Conc: 17.57 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.053 min
Response: 2307721
Conc: 16.59 ug/ml