

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
 Data File : FE042661.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2023 14:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 01:07:18 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)	11.933	3315692	18.777 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.369	2492487	18.758 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	3.314	2501156	17.345 ug/ml
2) T n-Decane (C10)	4.565	2601337	17.572 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2820352	17.286 ug/ml
4) T n-Dodecane (C12)	6.734	2644307	17.634 ug/ml
5) T A~2-methylnaphthalene...	7.370	2728443	17.192 ug/ml
6) T n-Tetradecane (C14)	8.563	2638350	17.612 ug/ml
7) T n-Hexadecane (C16)	10.170	2766947	17.763 ug/ml
8) T n-Octadecane (C18)	11.614	2858387	18.076 ug/ml
10) T n-Eicosane (C20)	12.923	2817537	18.587 ug/ml
11) T n-Heneicosane (C21)	13.535	2804304	18.928 ug/ml
13) T n-Docosane (C22)	14.122	2806267	19.143 ug/ml
14) T n-Tetracosane (C24)	15.225	2861802	19.825 ug/ml
15) T n-Hexacosane (C26)	16.247	2876662	20.770 ug/ml
16) T n-Octacosane (C28)	17.196	2926451	21.858 ug/ml
17) T n-Tricontane (C30)	18.083	3191280	23.641 ug/ml
18) T n-Dotriacontane (C32)	18.916	3178123	23.790 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2910825	22.134 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2577780	19.833 ug/ml
21) T n-Octatriacontane (C38)	21.185	2398203	17.676 ug/ml
22) T n-Tetracontane (C40)	22.110	2271262	16.326 ug/ml

(f)=RT Delta > 1/2 Window

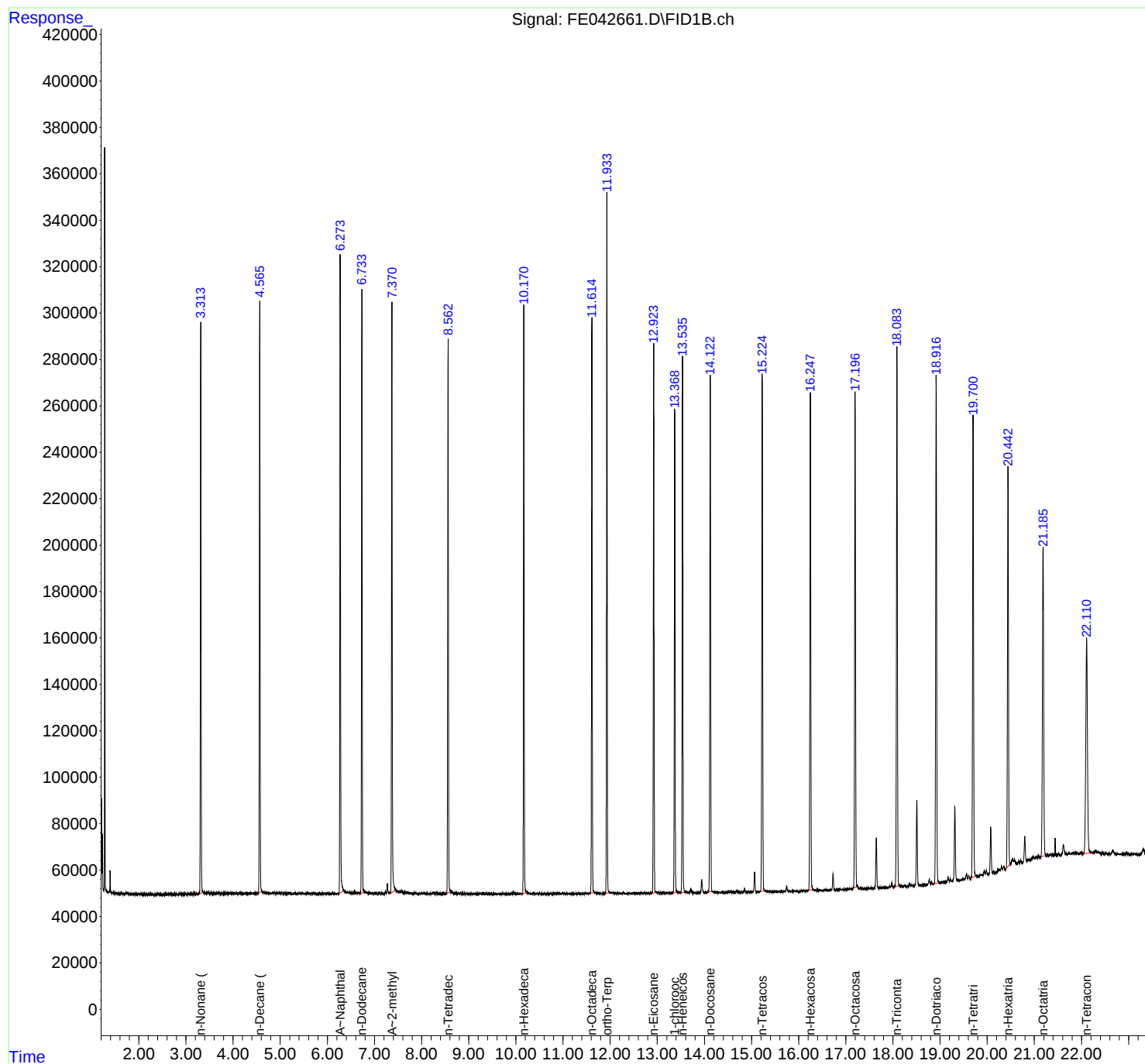
(m)=manual int.

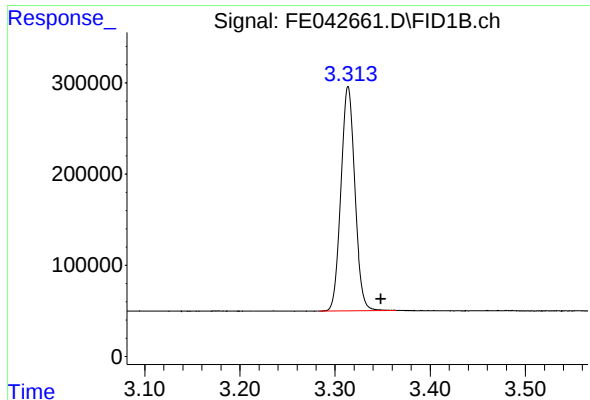
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
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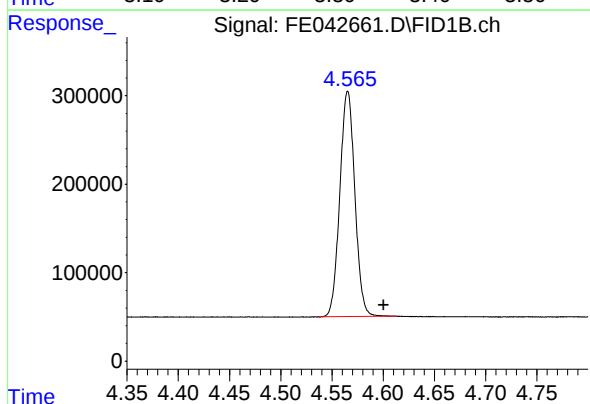




#1 n-Nonane (C9)

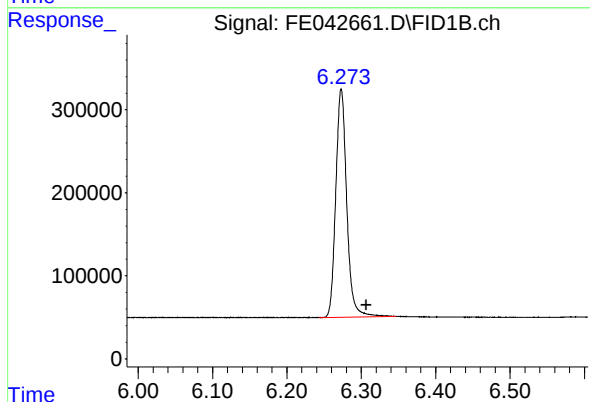
R.T.: 3.314 min
Delta R.T.: -0.034 min
Response: 2501156
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



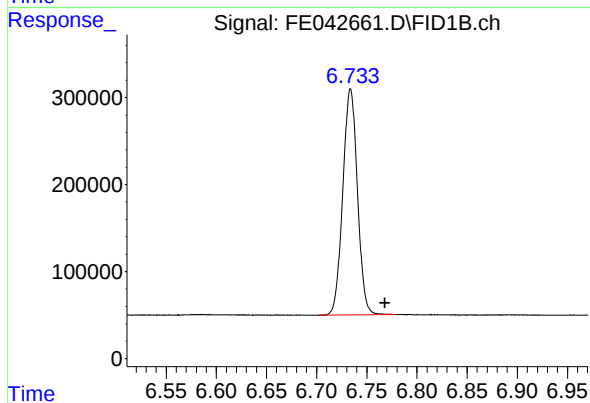
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: -0.035 min
Response: 2601337
Conc: 17.57 ug/ml



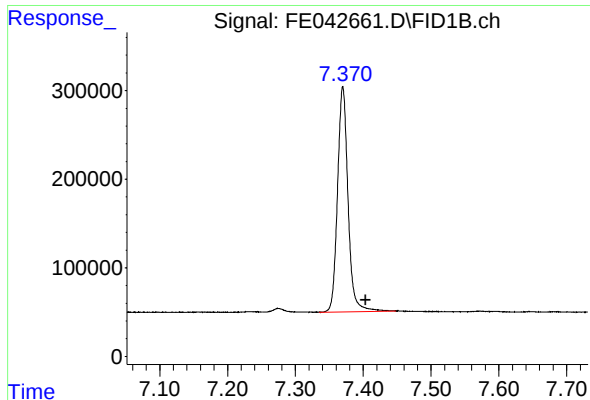
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.034 min
Response: 2820352
Conc: 17.29 ug/ml



#4 n-Dodecane (C12)

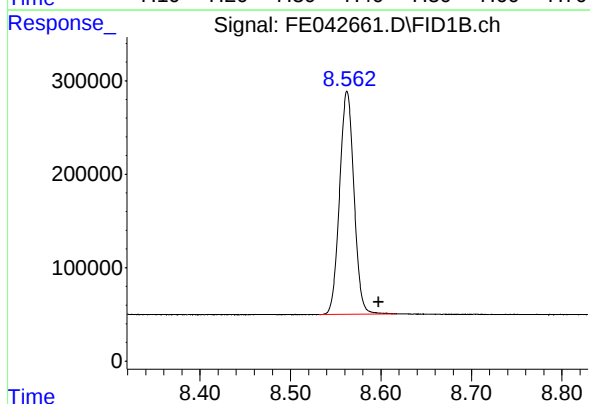
R.T.: 6.734 min
Delta R.T.: -0.034 min
Response: 2644307
Conc: 17.63 ug/ml



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

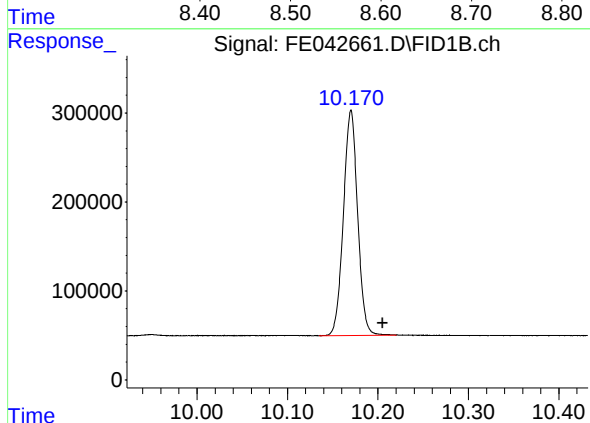
R.T.: 7.370 min
Delta R.T.: -0.034 min
Response: 2728443
Conc: 17.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



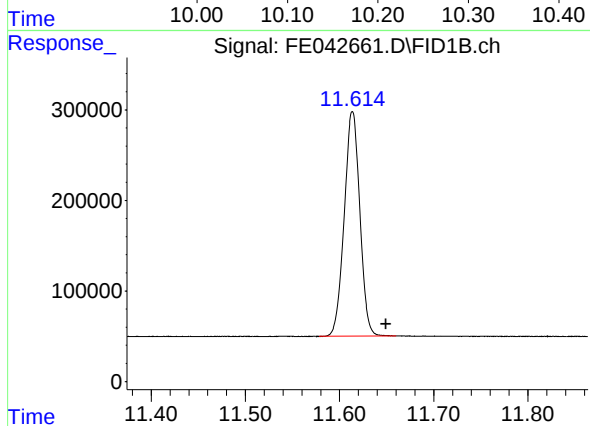
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.035 min
Response: 2638350
Conc: 17.61 ug/ml



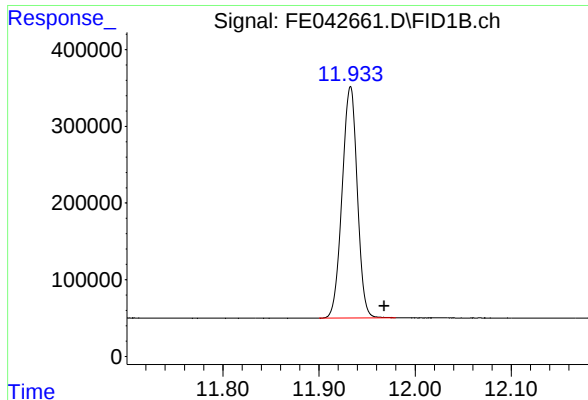
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.035 min
Response: 2766947
Conc: 17.76 ug/ml



#8 n-Octadecane (C18)

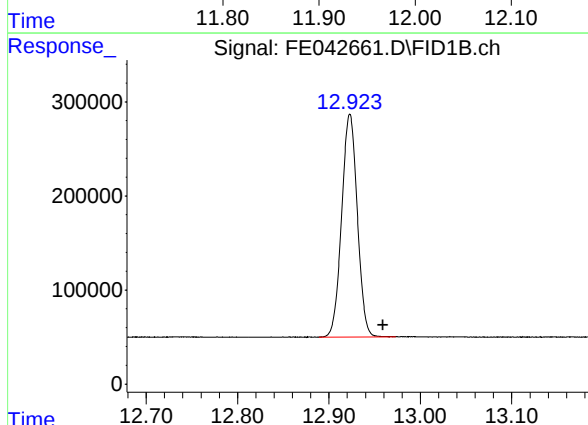
R.T.: 11.614 min
Delta R.T.: -0.035 min
Response: 2858387
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

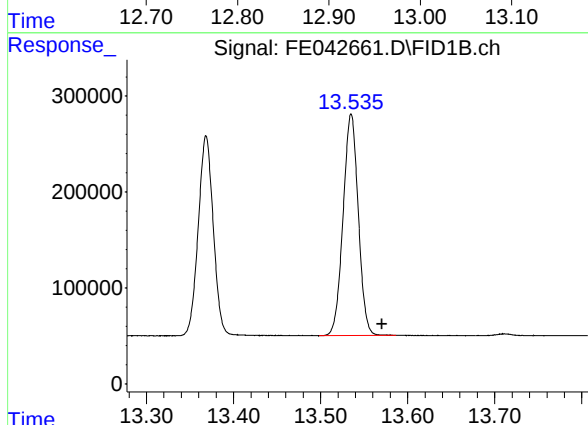
R.T.: 11.933 min
Delta R.T.: -0.035 min
Response: 3315692
Conc: 18.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



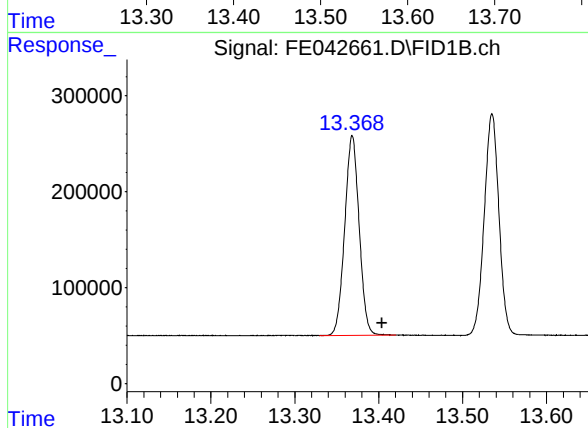
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.036 min
Response: 2817537
Conc: 18.59 ug/ml



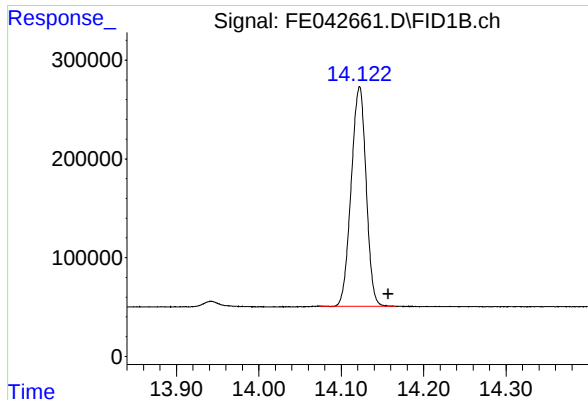
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.036 min
Response: 2804304
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

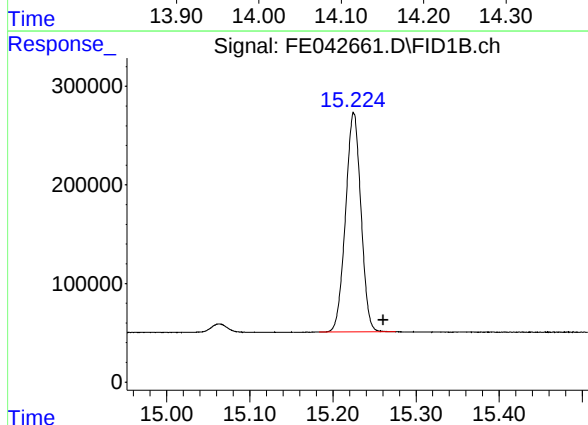
R.T.: 13.369 min
Delta R.T.: -0.036 min
Response: 2492487
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

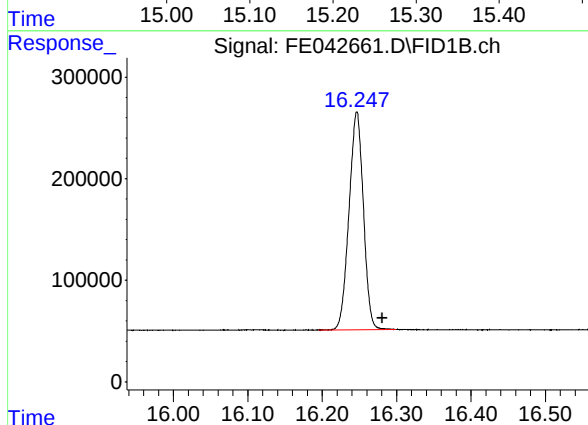
R.T.: 14.122 min
Delta R.T.: -0.035 min
Response: 2806267
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



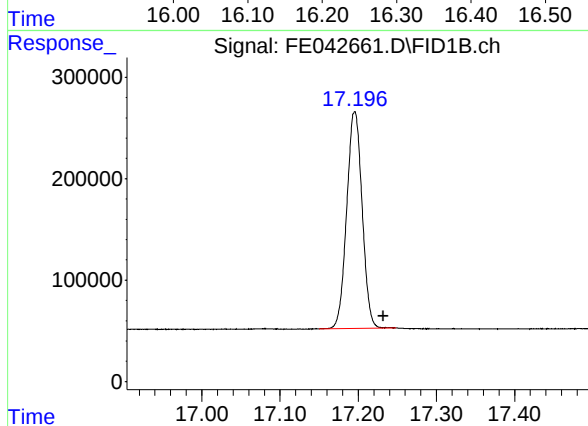
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.036 min
Response: 2861802
Conc: 19.82 ug/ml



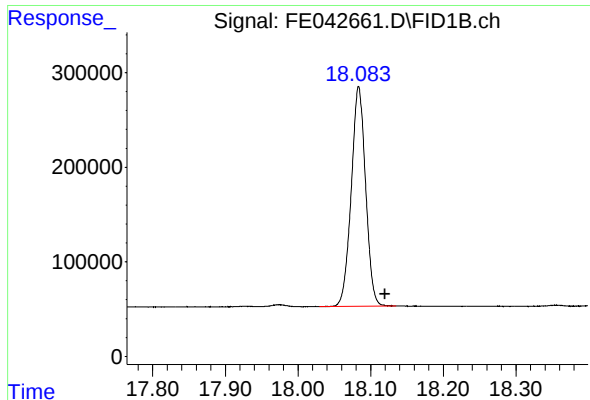
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.034 min
Response: 2876662
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

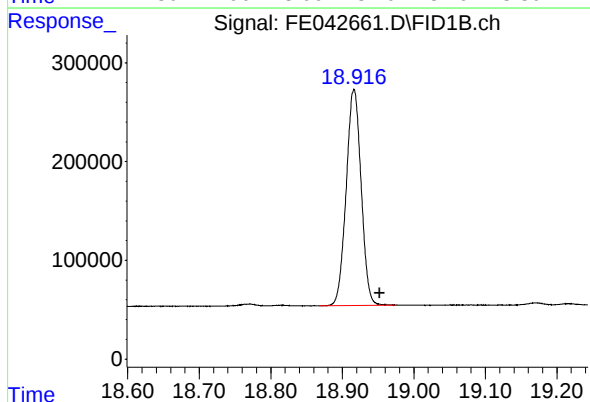
R.T.: 17.196 min
Delta R.T.: -0.037 min
Response: 2926451
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

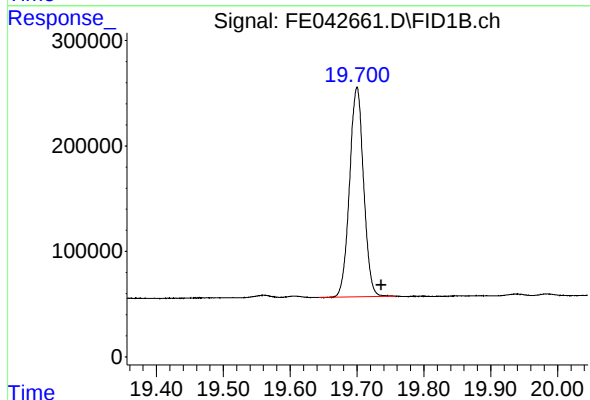
R.T.: 18.083 min
Delta R.T.: -0.036 min
Response: 3191280
Conc: 23.64 ug/ml

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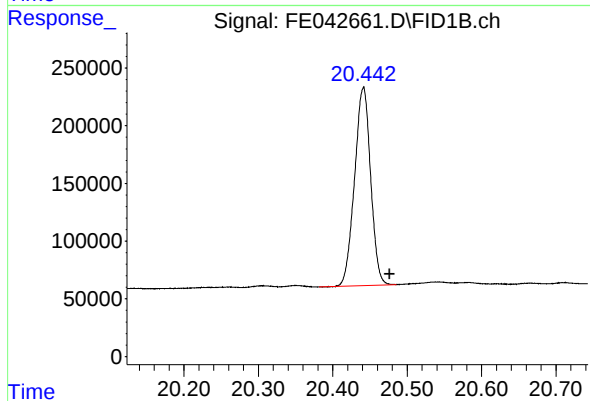
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.036 min
Response: 3178123
Conc: 23.79 ug/ml



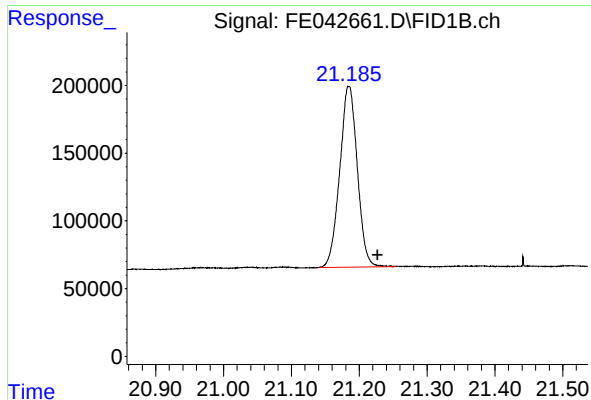
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.036 min
Response: 2910825
Conc: 22.13 ug/ml



#20 n-Hexatriacontane (C36)

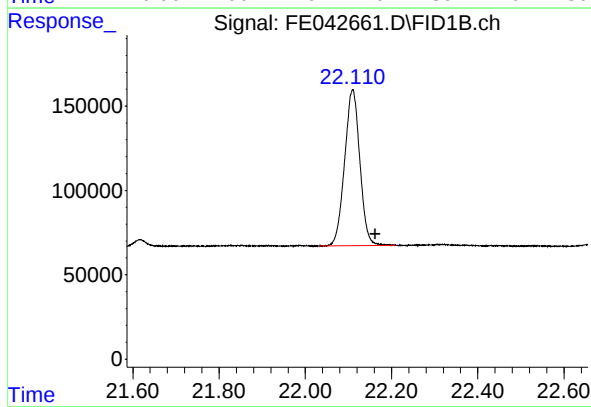
R.T.: 20.441 min
Delta R.T.: -0.036 min
Response: 2577780
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.042 min
Response: 2398203
Conc: 17.68 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: 2271262
Conc: 16.33 ug/ml