

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041795.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 20:05
 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: May 09 01:41:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.971	3268654	17.423 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	13.407	2401061	16.996 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T n-Nonane (C9)	3.349	2556435	17.391 ug/ml
2) T n-Decane (C10)	4.603	2668629	17.793 ug/ml
3) T A~Naphthalene (C11.7)	6.308	2932175	17.718 ug/ml
4) T n-Dodecane (C12)	6.771	2700772	17.763 ug/ml
5) T A~2-methylnaphthalene...	7.405	2868685	17.791 ug/ml
6) T n-Tetradecane (C14)	8.600	2704105	17.801 ug/ml
7) T n-Hexadecane (C16)	10.208	2822171	17.685 ug/ml
8) T n-Octadecane (C18)	11.652	2882252	17.584 ug/ml
10) T n-Eicosane (C20)	12.962	2789440	17.342 ug/ml
11) T n-Heneicosane (C21)	13.574	2744634	17.222 ug/ml
13) T n-Docosane (C22)	14.160	2738118	17.185 ug/ml
14) T n-Tetracosane (C24)	15.264	2749736	17.056 ug/ml
15) T n-Hexacosane (C26)	16.284	2678545	16.942 ug/ml
16) T n-Octacosane (C28)	17.234	2657414	17.270 ug/ml
17) T n-Tricontane (C30)	18.122	2788168	18.307 ug/ml
18) T n-Dotriacontane (C32)	18.955	2768799	18.585 ug/ml
19) T n-Tetratriacontane (C34)	19.739	2613349	18.551 ug/ml
20) T n-Hexatriacontane (C36)	20.478	2473565	18.497 ug/ml
21) T n-Octatriacontane (C38)	21.230	2378006	17.997 ug/ml
22) T n-Tetracontane (C40)	22.168	2327670	18.384 ug/ml

(f)=RT Delta > 1/2 Window

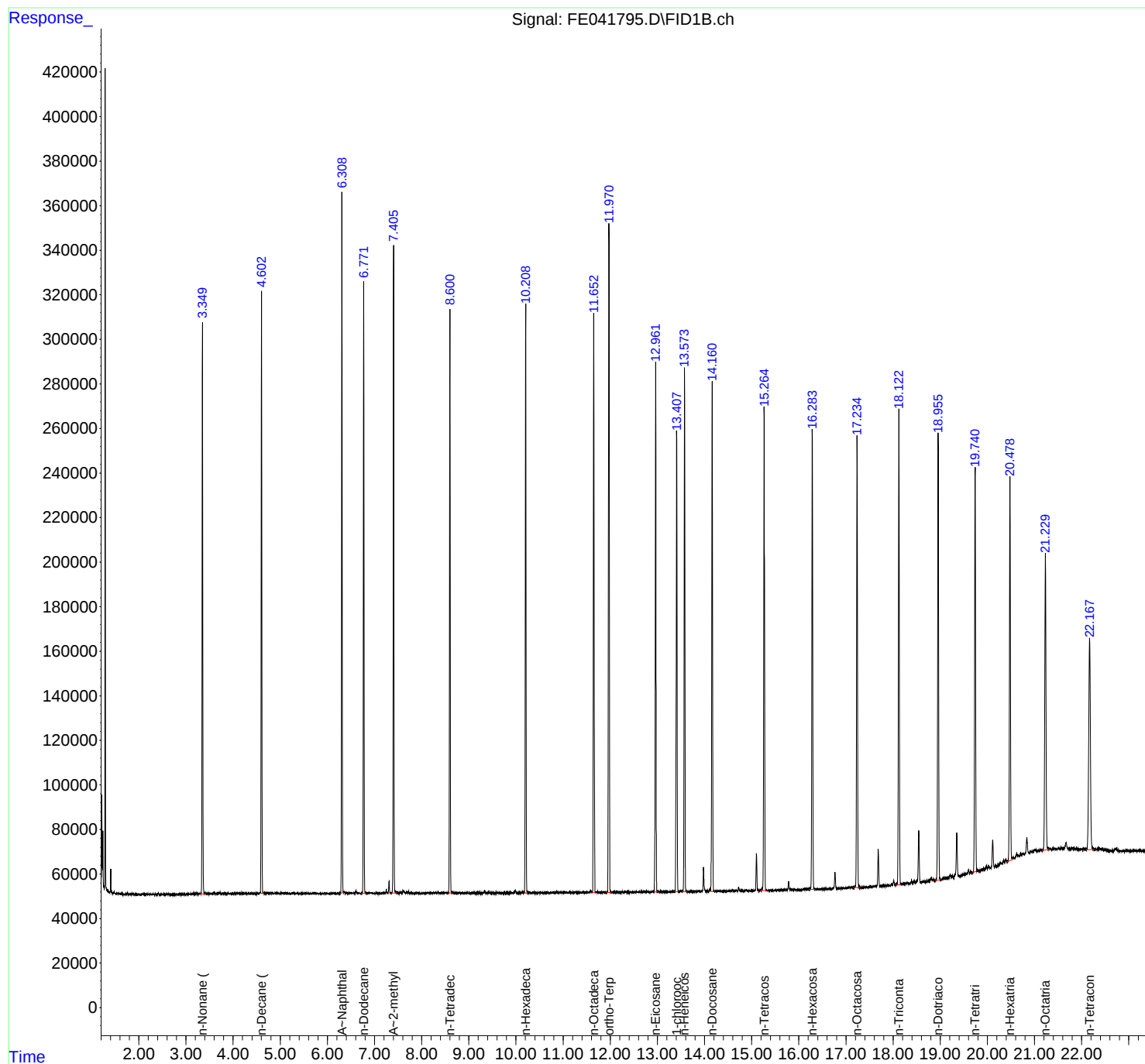
(m)=manual int.

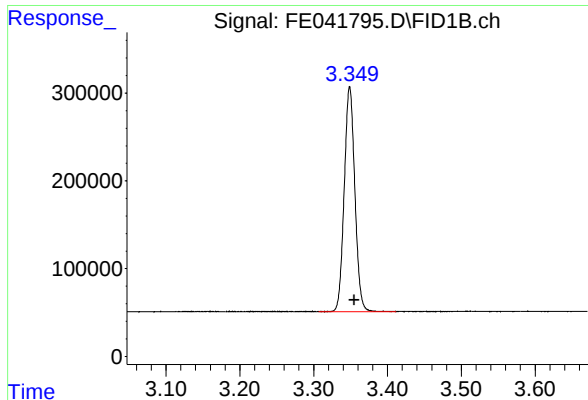
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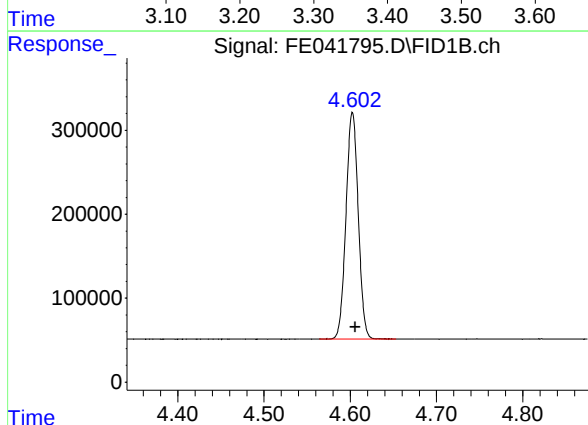




#1 n-Nonane (C9)

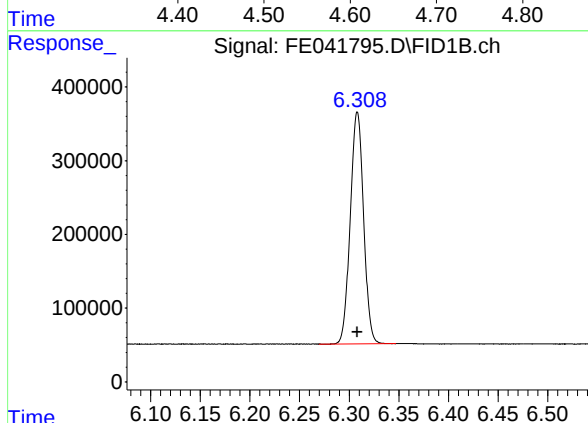
R.T.: 3.349 min
Delta R.T.: -0.006 min
Response: 2556435
Conc: 17.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



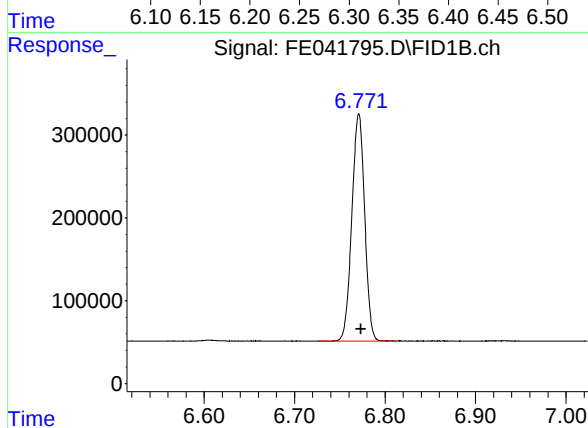
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 2668629
Conc: 17.79 ug/ml



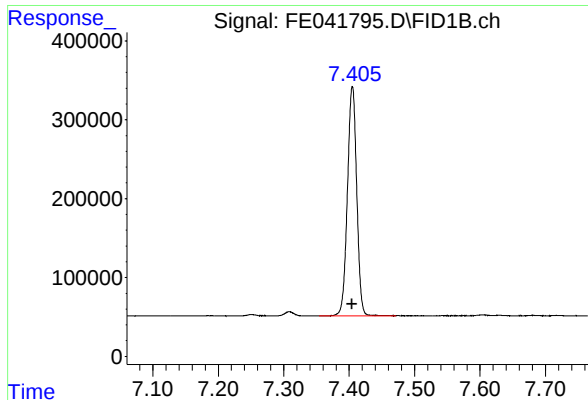
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 2932175
Conc: 17.72 ug/ml



#4 n-Dodecane (C12)

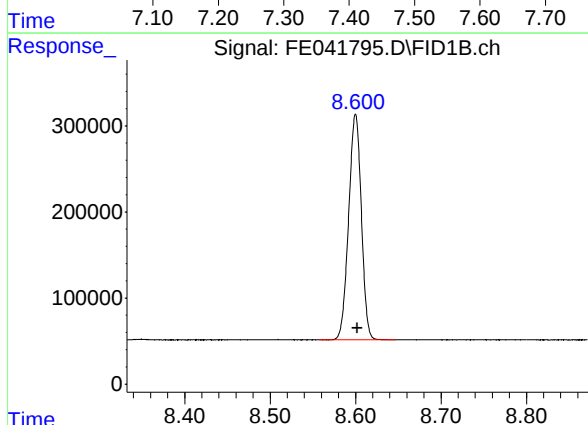
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 2700772
Conc: 17.76 ug/ml



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

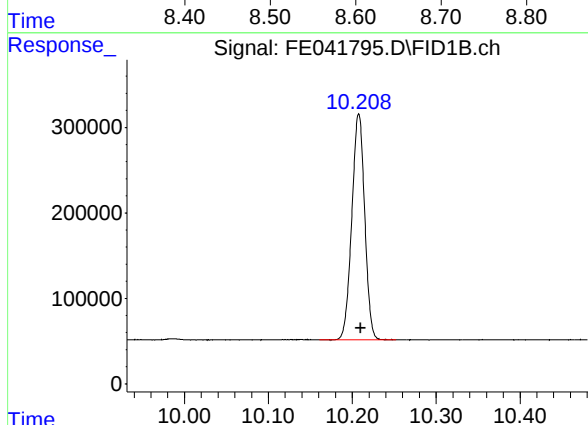
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2868685
Conc: 17.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



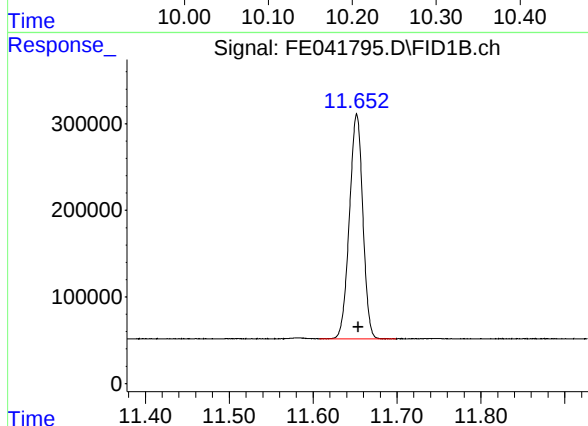
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 2704105
Conc: 17.80 ug/ml



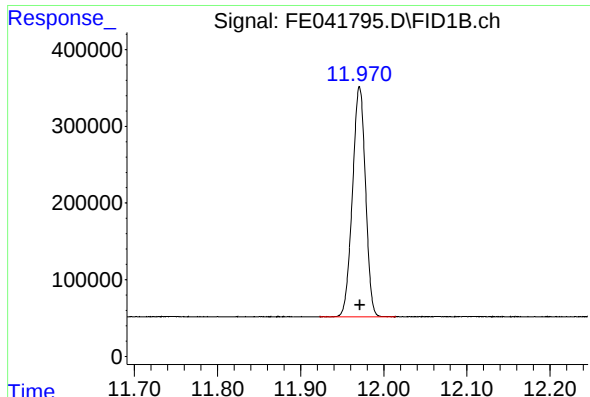
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 2822171
Conc: 17.68 ug/ml



#8 n-Octadecane (C18)

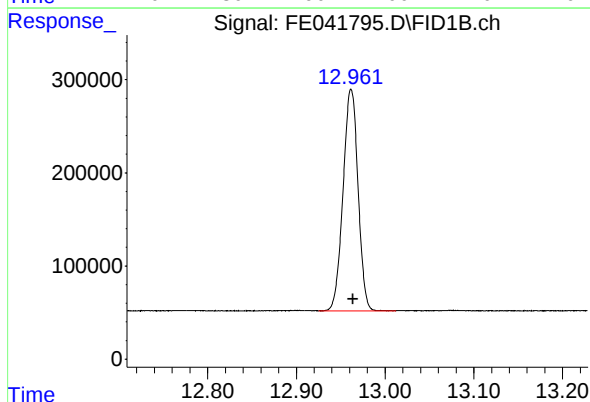
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 2882252
Conc: 17.58 ug/ml



#9 ortho-Terphenyl (SURR)

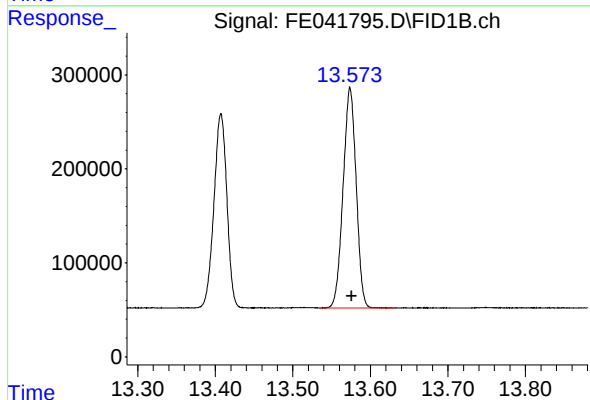
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3268654
Conc: 17.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



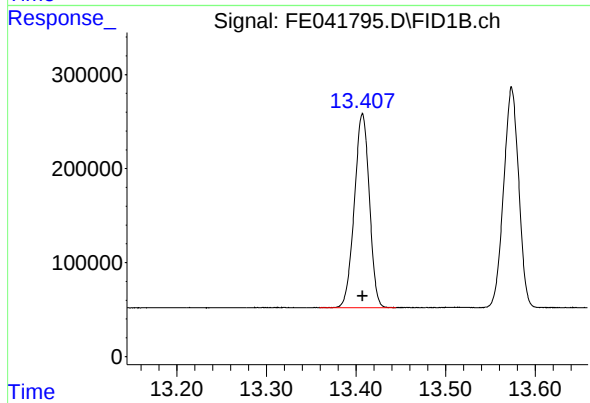
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 2789440
Conc: 17.34 ug/ml



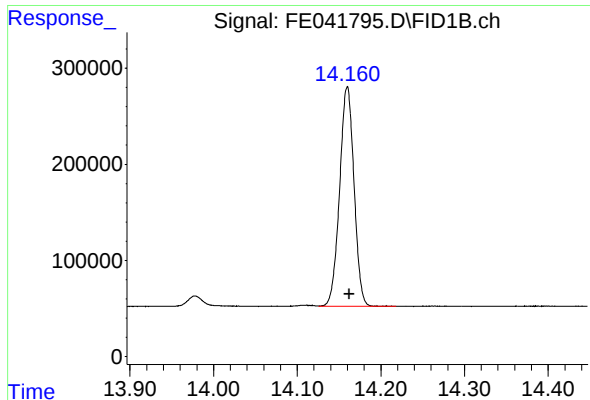
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 2744634
Conc: 17.22 ug/ml



#12 1-chlorooctadecane (SURR)

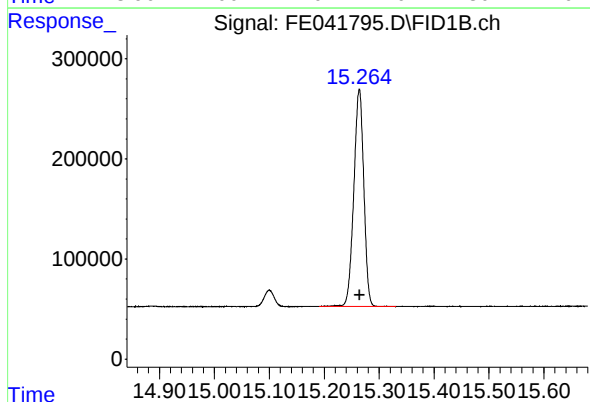
R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 2401061
Conc: 17.00 ug/ml



#13 n-Docosane (C22)

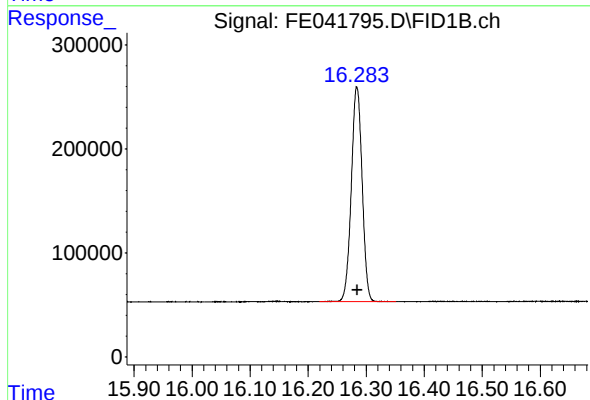
R.T.: 14.160 min
Delta R.T.: -0.002 min
Response: 2738118
Conc: 17.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



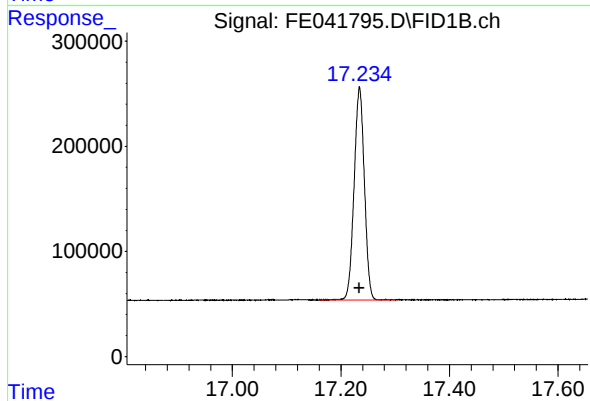
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.000 min
Response: 2749736
Conc: 17.06 ug/ml



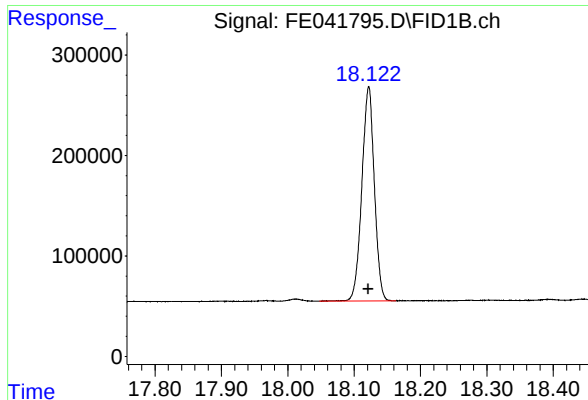
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 2678545
Conc: 16.94 ug/ml



#16 n-Octacosane (C28)

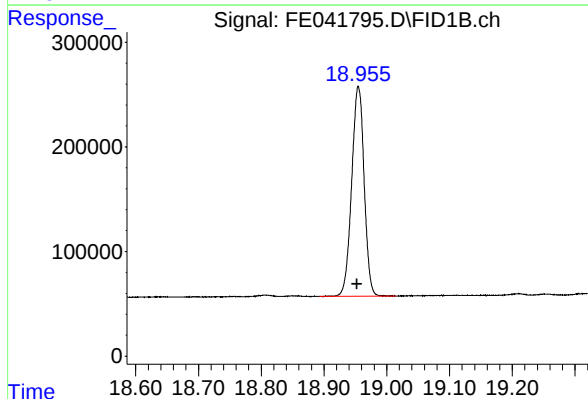
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 2657414
Conc: 17.27 ug/ml



#17 n-Tricontane (C30)

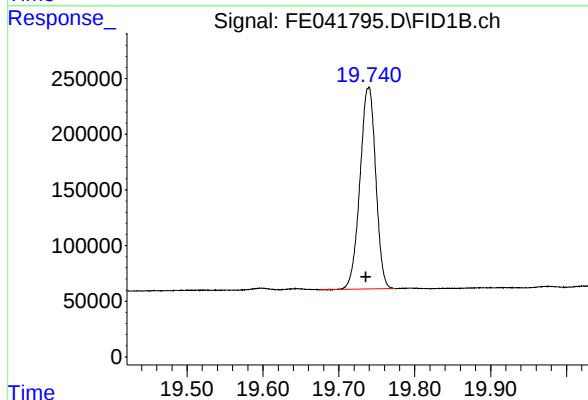
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 2788168
Conc: 18.31 ug/ml

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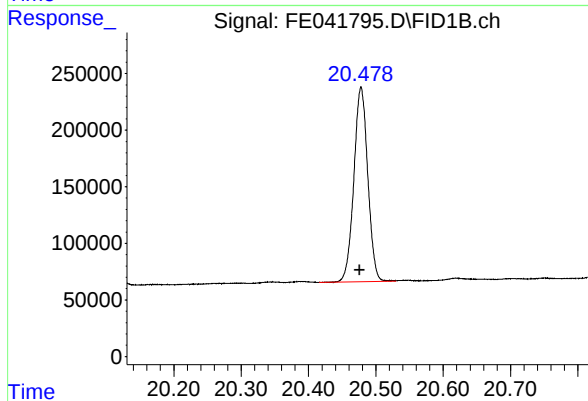
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.003 min
Response: 2768799
Conc: 18.59 ug/ml



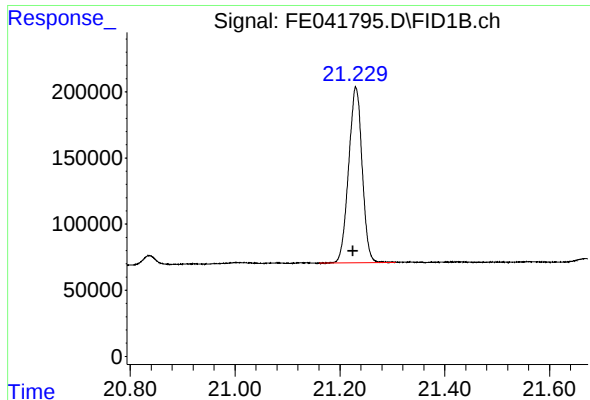
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.003 min
Response: 2613349
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

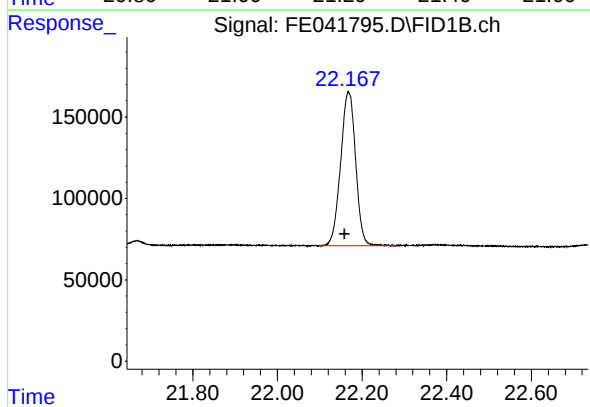
R.T.: 20.478 min
Delta R.T.: 0.002 min
Response: 2473565
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.006 min
Response: 2378006
Conc: 18.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.168 min
Delta R.T.: 0.009 min
Response: 2327670
Conc: 18.38 ug/ml