

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060624AL\
 Data File : FE048598.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2024 18:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e
 Quant Time: Jun 07 01:27:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.945	2613935	18.203 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.379	1975261	18.131 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.331	2622878	17.544 ug/ml
2) T n-Decane (C10)	4.580	2718793	18.005 ug/ml
3) T A~Naphthalene (C11.7)	6.286	2657948	17.851 ug/ml
4) T n-Dodecane (C12)	6.746	2660152	17.971 ug/ml
5) T A~2-methylnaphthalene...	7.382	2482670	17.906 ug/ml
6) T n-Tetradecane (C14)	8.573	2565827	18.090 ug/ml
7) T n-Hexadecane (C16)	10.181	2545989	18.059 ug/ml
8) T n-Octadecane (C18)	11.624	2520059	18.145 ug/ml
10) T n-Eicosane (C20)	12.934	2410561	18.216 ug/ml
11) T n-Heneicosane (C21)	13.546	2360270	18.222 ug/ml
13) T n-Docosane (C22)	14.131	2385298	18.510 ug/ml
14) T n-Tetracosane (C24)	15.233	2477626	19.125 ug/ml
15) T n-Hexacosane (C26)	16.253	2540872	19.605 ug/ml
16) T n-Octacosane (C28)	17.203	2651575	20.515 ug/mlm
17) T n-Tricontane (C30)	18.089	2875379	21.464 ug/ml
18) T n-Dotriacontane (C32)	18.921	2933260	21.609 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2805069	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2618745	19.265 ug/ml
21) T n-Octatriacontane (C38)	21.181	2558900	18.764 ug/ml
22) T n-Tetracontane (C40)	22.097	2464115	17.996 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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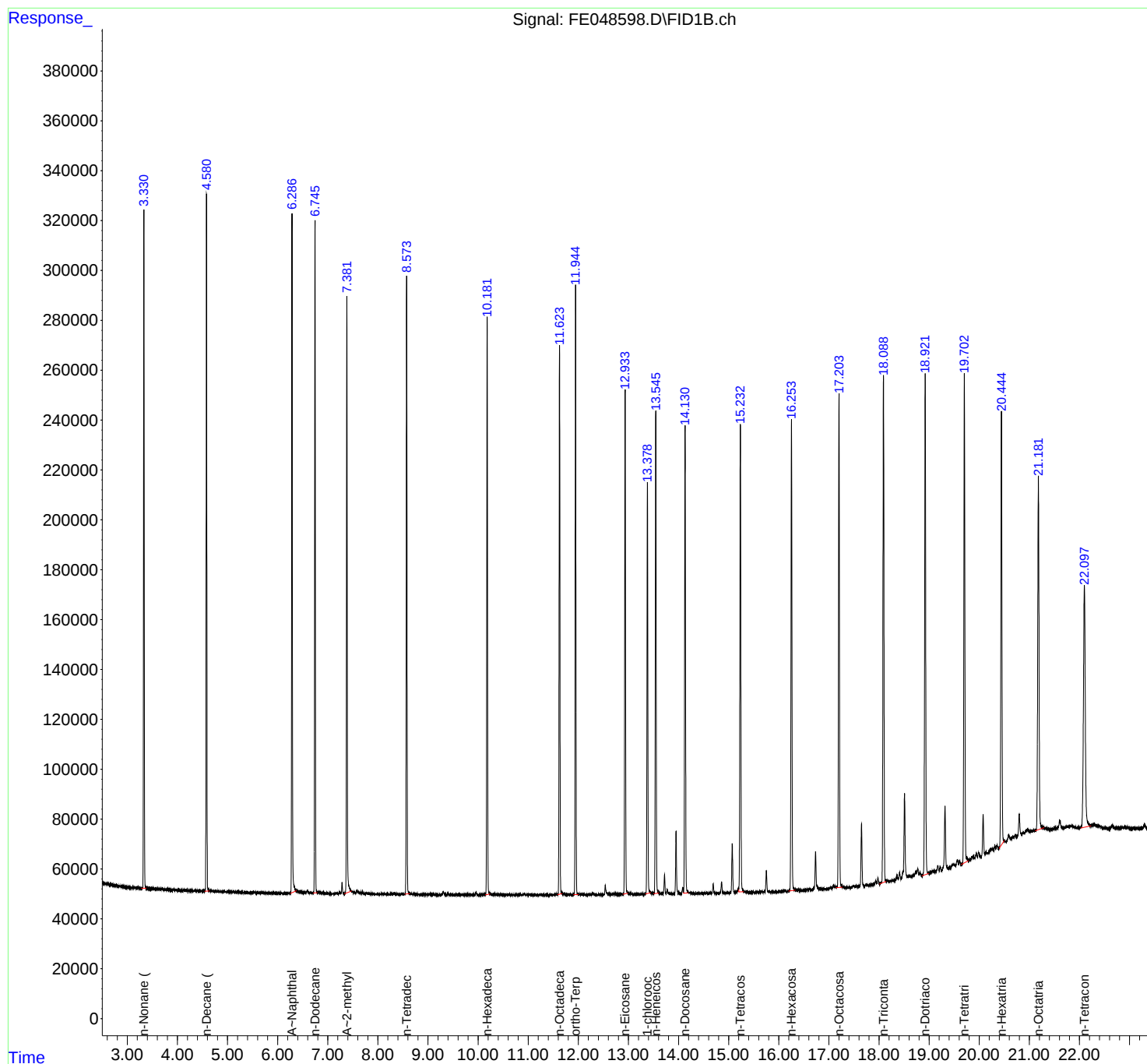
Instrument :
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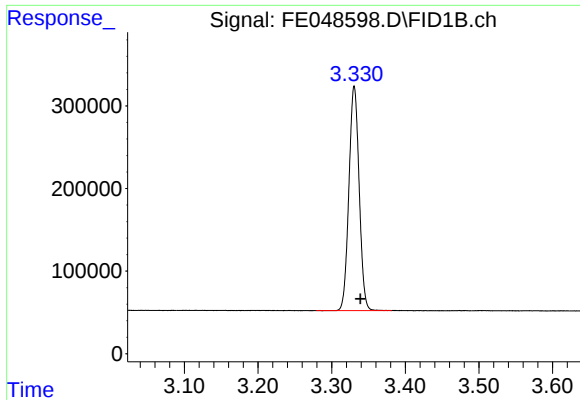
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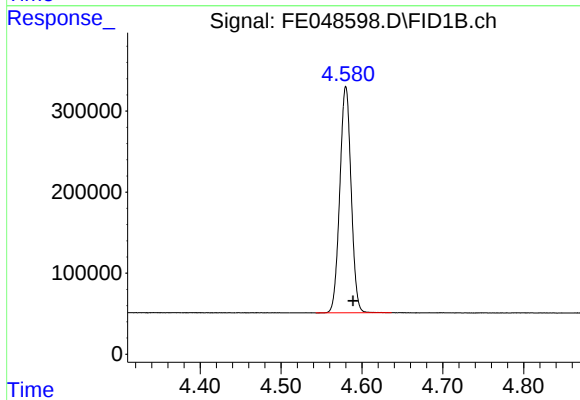
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.008 min
Response: 2622878
Conc: 17.54 ug/ml

Instrument :
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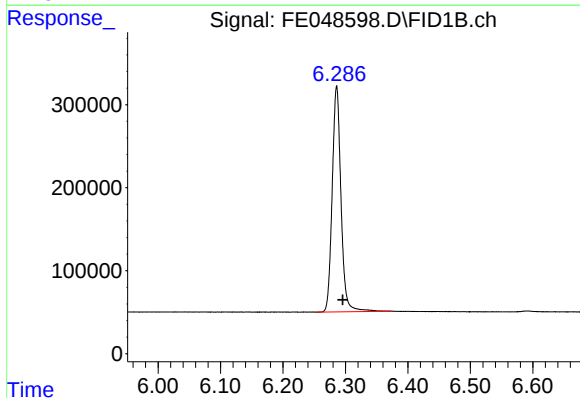
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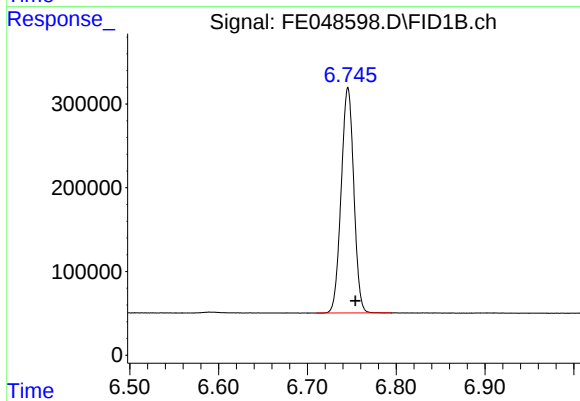
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 2718793
Conc: 18.01 ug/ml



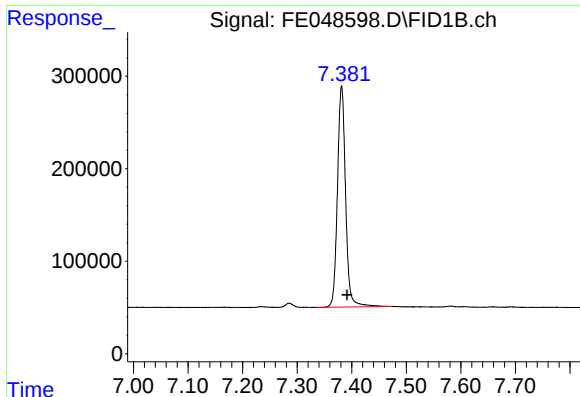
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.010 min
Response: 2657948
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 2660152
Conc: 17.97 ug/ml



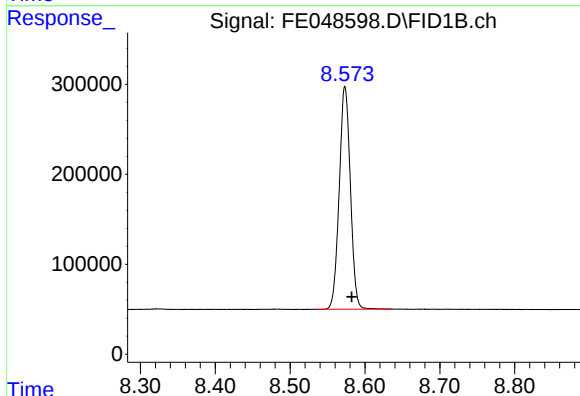
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: -0.010 min
Response: 2482670
Conc: 17.91 ug/ml

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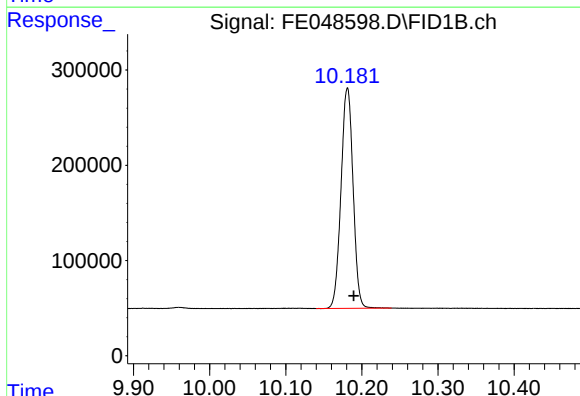
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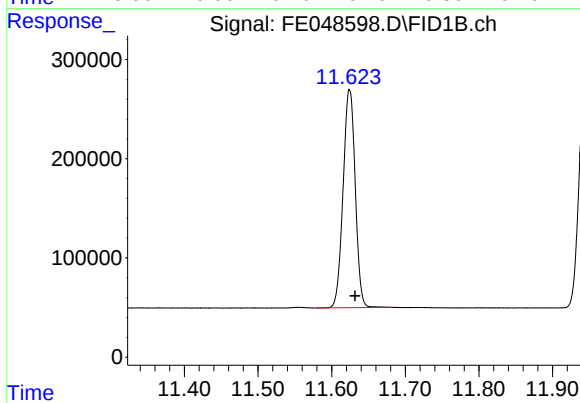
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 2565827
Conc: 18.09 ug/ml



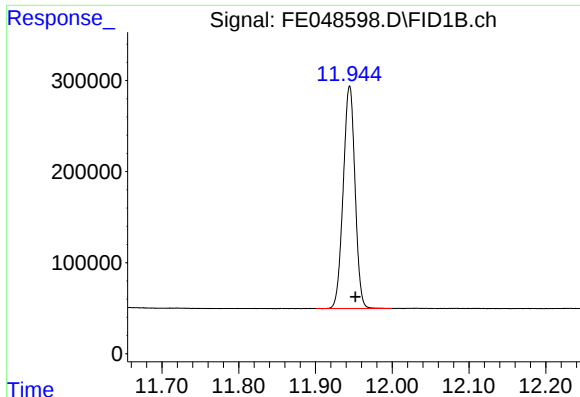
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.008 min
Response: 2545989
Conc: 18.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2520059
Conc: 18.14 ug/ml



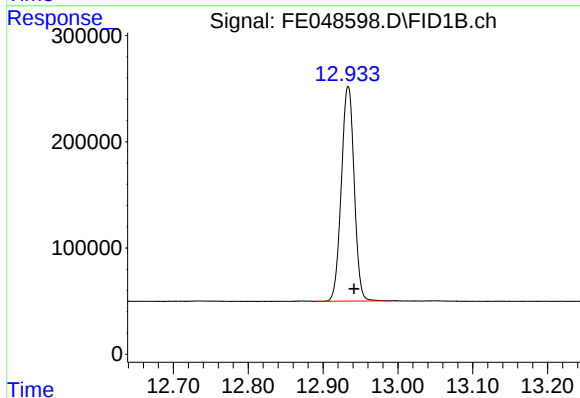
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.007 min
Response: 2613935
Conc: 18.20 ug/ml

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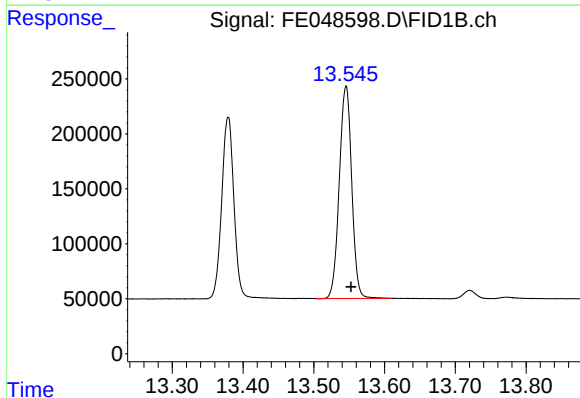
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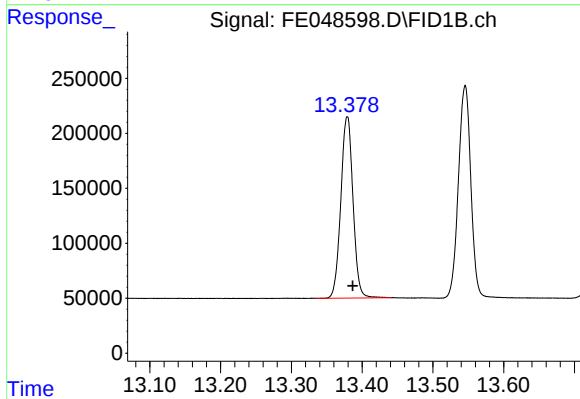
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.008 min
Response: 2410561
Conc: 18.22 ug/ml



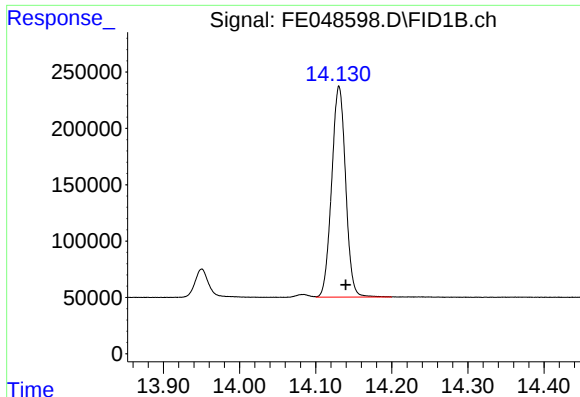
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.007 min
Response: 2360270
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.008 min
Response: 1975261
Conc: 18.13 ug/ml



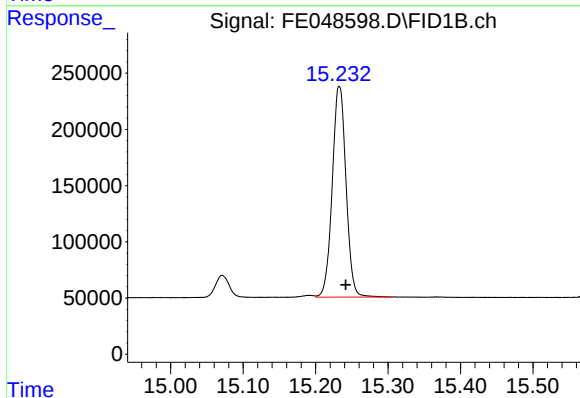
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.009 min
Response: 2385298
Conc: 18.51 ug/ml

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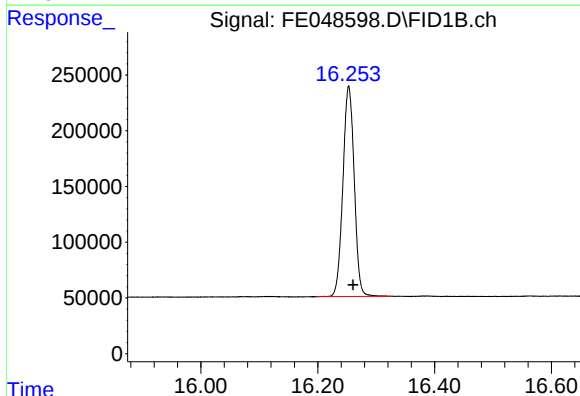
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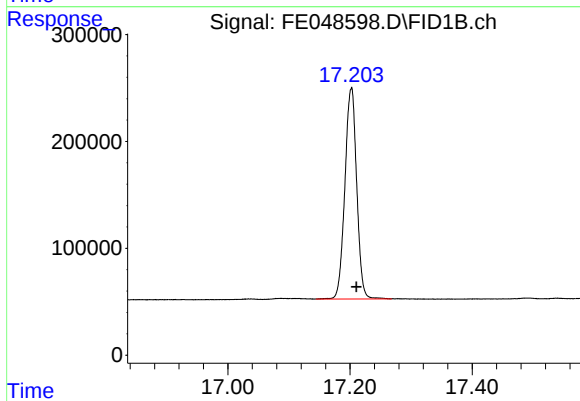
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.009 min
Response: 2477626
Conc: 19.12 ug/ml



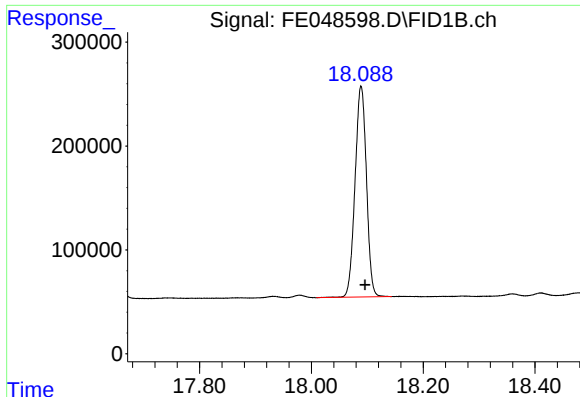
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.007 min
Response: 2540872
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.008 min
Response: 2651575
Conc: 20.51 ug/ml m



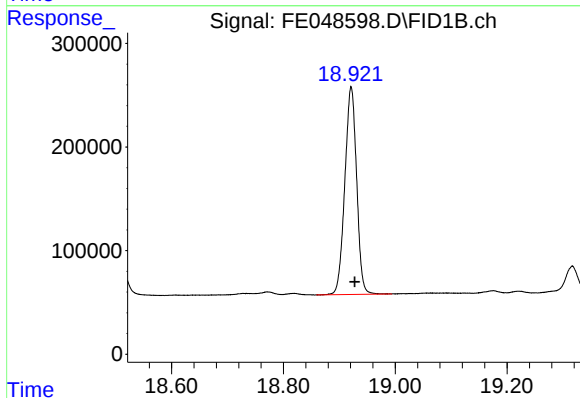
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.007 min
Response: 2875379
Conc: 21.46 ug/ml

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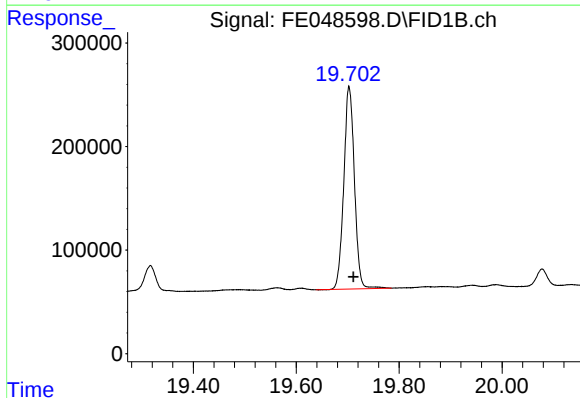
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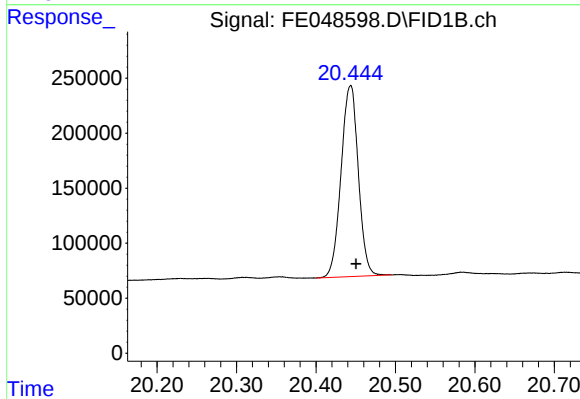
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.006 min
Response: 2933260
Conc: 21.61 ug/ml



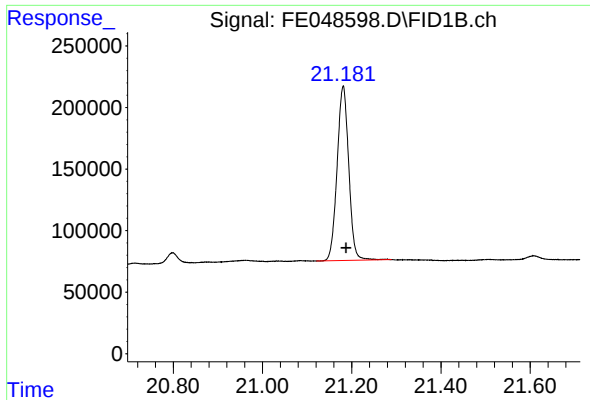
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.008 min
Response: 2805069
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.007 min
Response: 2618745
Conc: 19.26 ug/ml



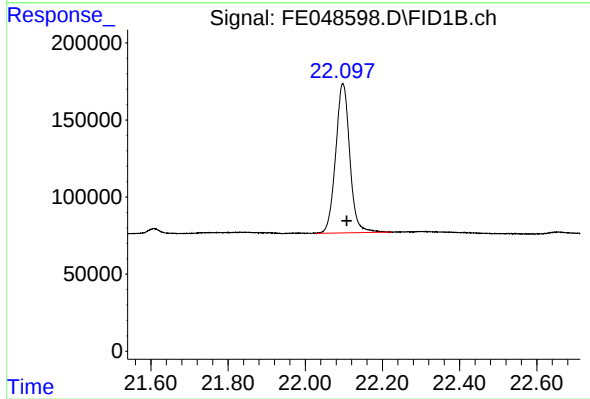
#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.007 min
Response: 2558900
Conc: 18.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.010 min
Response: 2464115
Conc: 18.00 ug/ml m