

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052924AL\
 Data File : FE048442.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2024 20:37
 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 05/30/2024
 Supervised By :Ankita Jodhani 05/30/2024

Integration File: autoint1.e
 Quant Time: May 30 01:58:38 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)	11.955	2631168	18.323 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
12) S 1-chlorooctadecane (S...	13.389	2006512	18.418 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.340	2678682	17.917 ug/ml
2) T n-Decane (C10)	4.590	2746066	18.186 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2705803	18.172 ug/ml
4) T n-Dodecane (C12)	6.756	2698448	18.230 ug/ml
5) T A~2-methylnaphthalene...	7.393	2547487	18.373 ug/ml
6) T n-Tetradecane (C14)	8.584	2590333	18.263 ug/ml
7) T n-Hexadecane (C16)	10.192	2590288	18.374 ug/ml
8) T n-Octadecane (C18)	11.635	2557041	18.411 ug/ml
10) T n-Eicosane (C20)	12.944	2441590	18.450 ug/ml
11) T n-Heneicosane (C21)	13.556	2380711	18.380 ug/ml
13) T n-Docosane (C22)	14.142	2403217	18.649 ug/ml
14) T n-Tetracosane (C24)	15.244	2492879	19.243 ug/ml
15) T n-Hexacosane (C26)	16.264	2526586	19.494 ug/ml
16) T n-Octacosane (C28)	17.212	2596053	20.085 ug/ml
17) T n-Tricontane (C30)	18.099	2736770	20.429 ug/ml
18) T n-Dotriacontane (C32)	18.932	2767626	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2692739	19.684 ug/mlm
20) T n-Hexatriacontane (C36)	20.454	2595006	19.090 ug/ml
21) T n-Octatriacontane (C38)	21.192	2485708	18.227 ug/ml
22) T n-Tetracontane (C40)	22.113	2535782	18.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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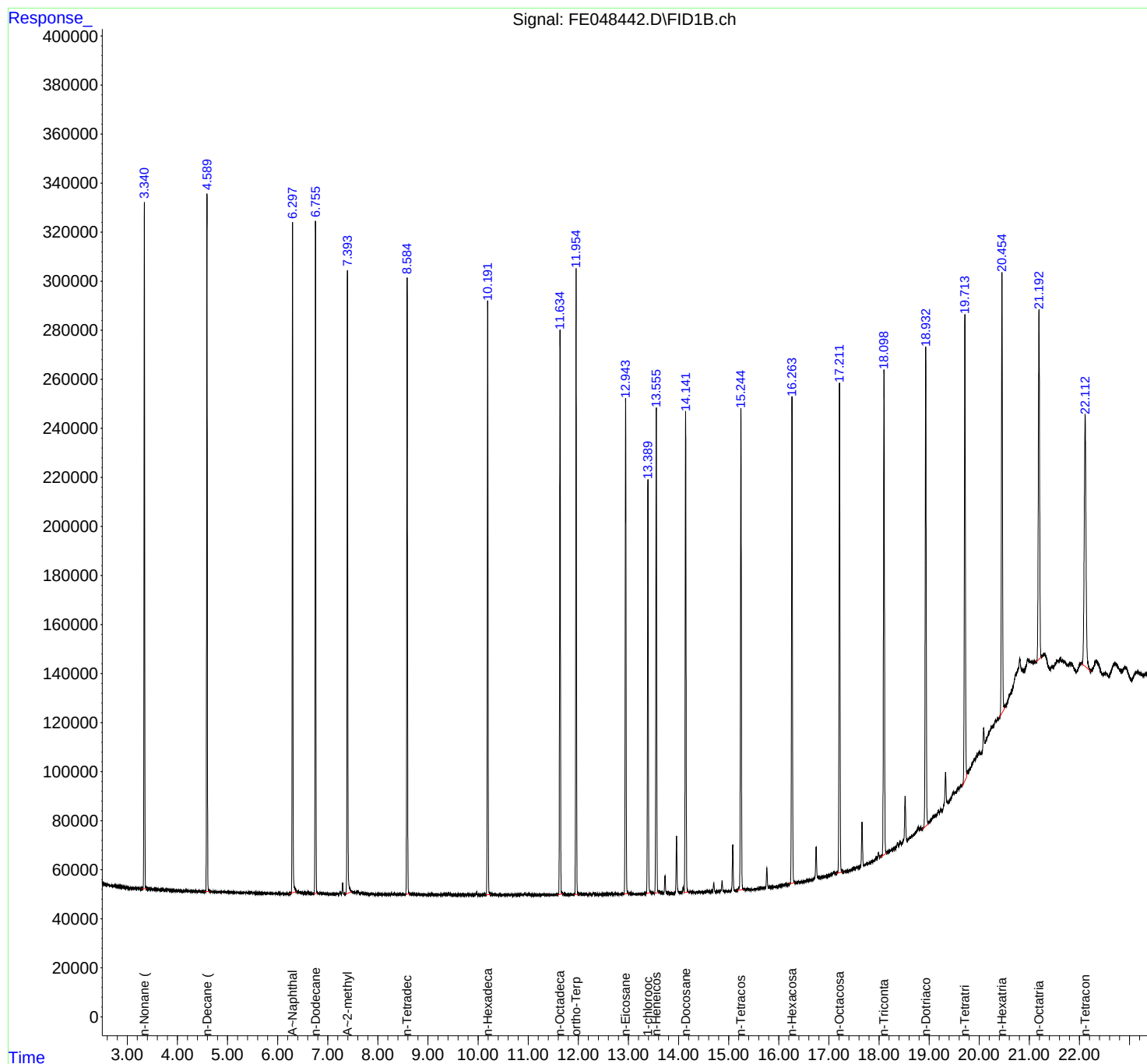
Instrument :
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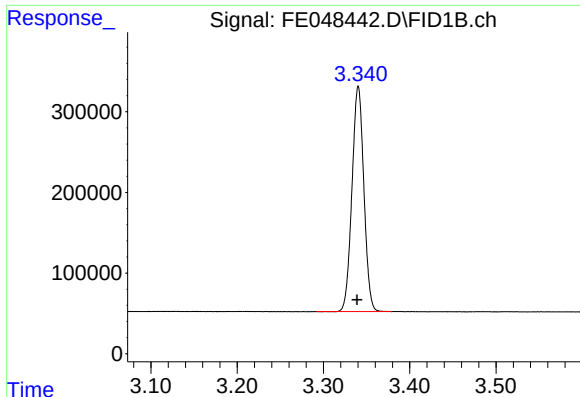
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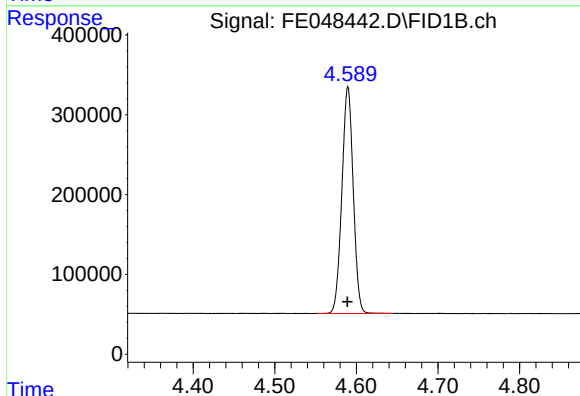
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.001 min
Response: 2678682
Conc: 17.92 ug/ml

Instrument :
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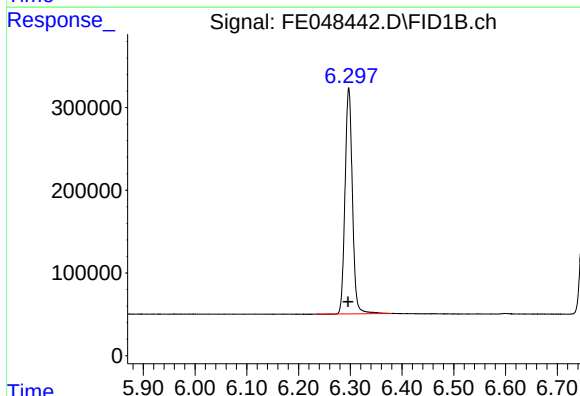
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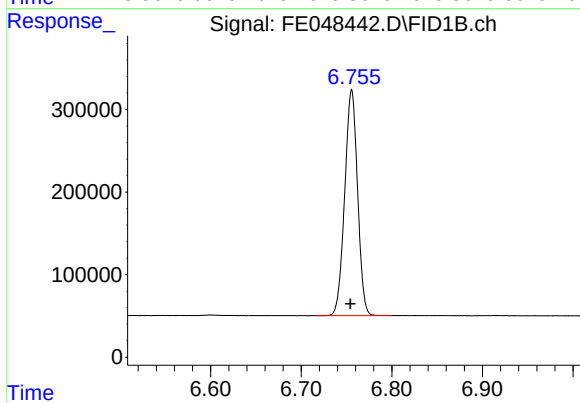
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2746066
Conc: 18.19 ug/ml



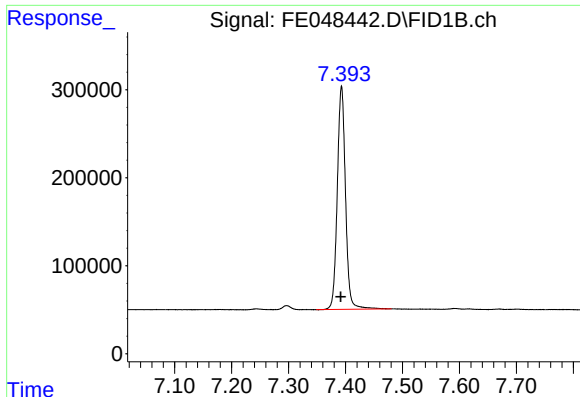
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.001 min
Response: 2705803
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 2698448
Conc: 18.23 ug/ml



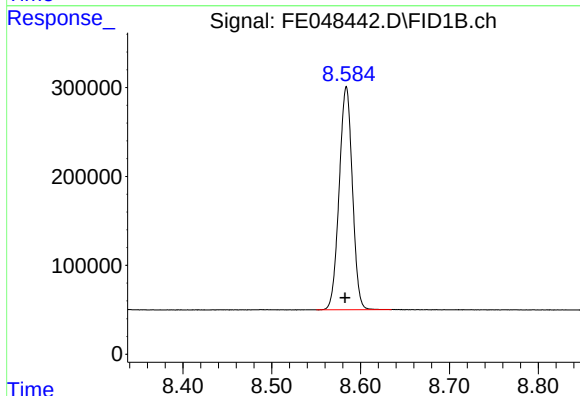
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 2547487
Conc: 18.37 ug/ml

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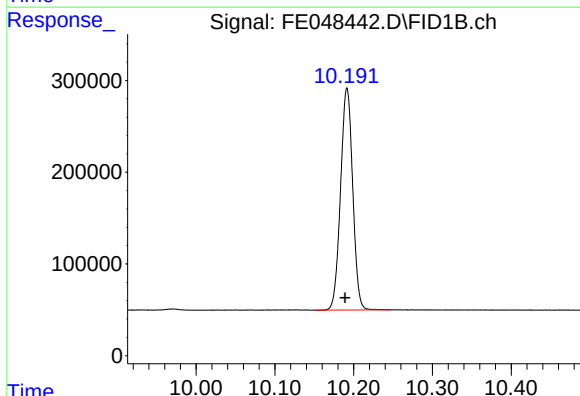
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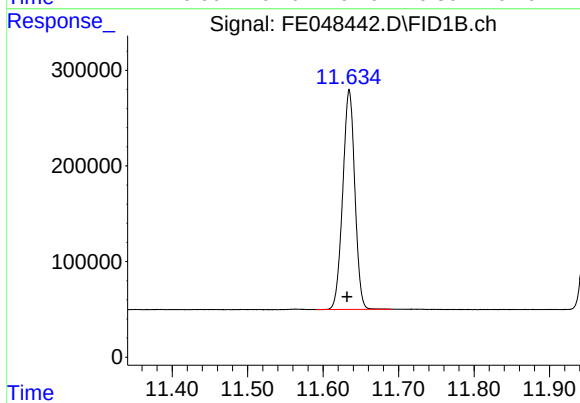
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.002 min
Response: 2590333
Conc: 18.26 ug/ml



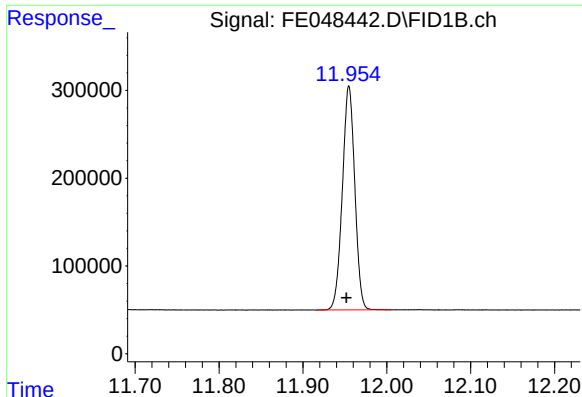
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.002 min
Response: 2590288
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 2557041
Conc: 18.41 ug/ml



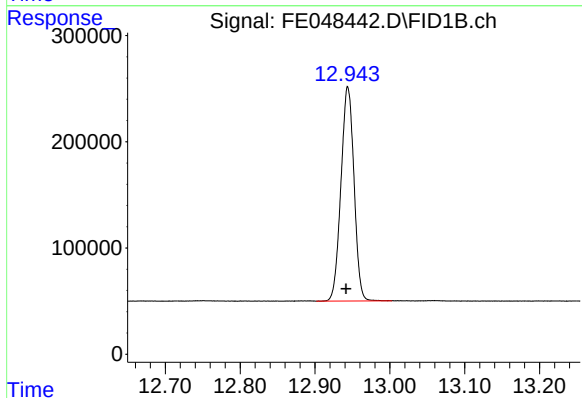
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.003 min
Response: 2631168
Conc: 18.32 ug/ml

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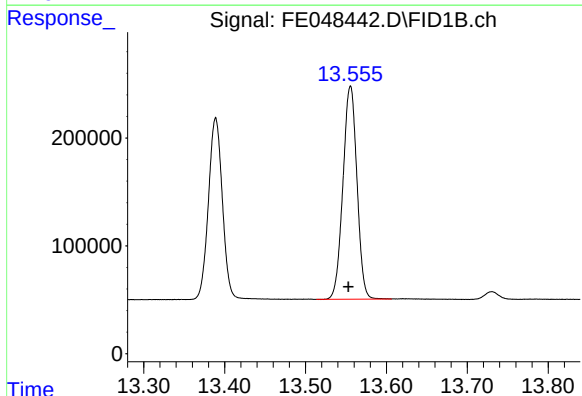
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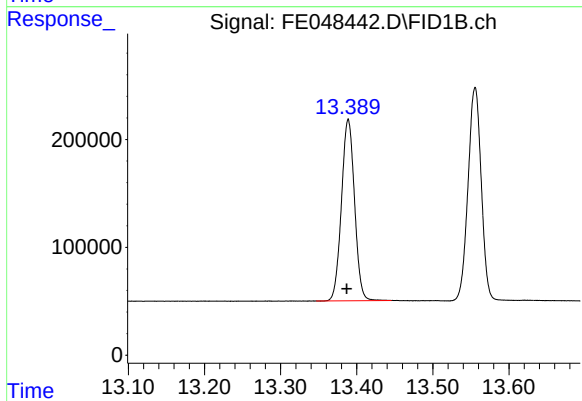
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 2441590
Conc: 18.45 ug/ml



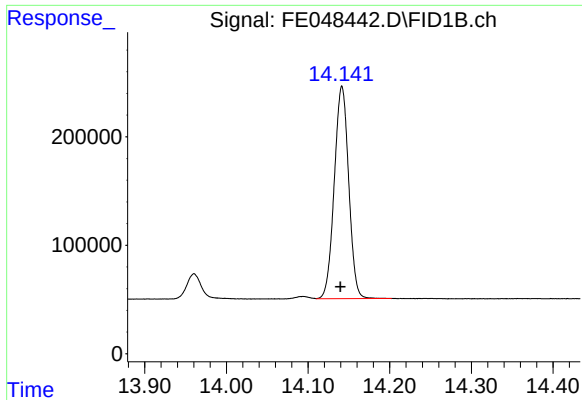
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.003 min
Response: 2380711
Conc: 18.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: 0.002 min
Response: 2006512
Conc: 18.42 ug/ml



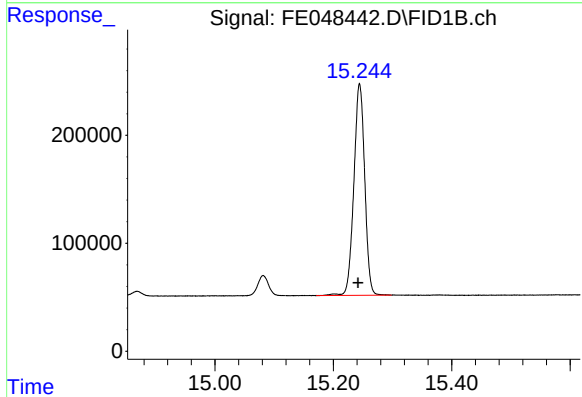
#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 2403217
Conc: 18.65 ug/ml

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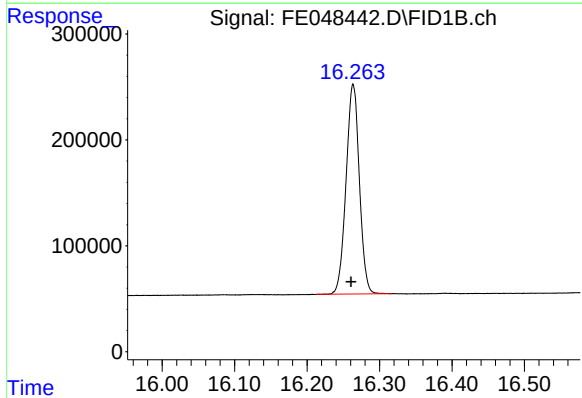
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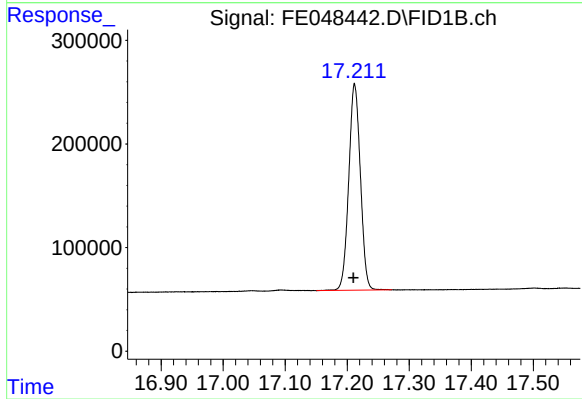
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.003 min
Response: 2492879
Conc: 19.24 ug/ml



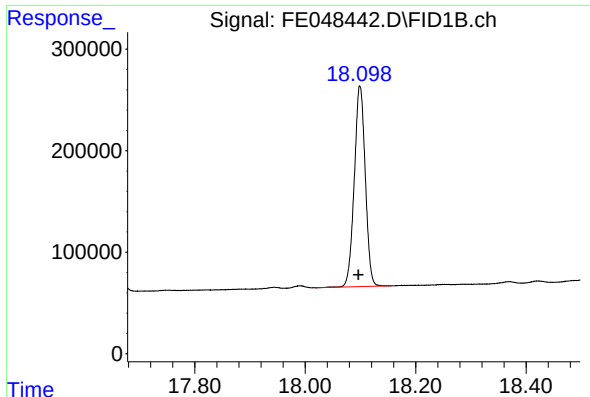
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 2526586
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.002 min
Response: 2596053
Conc: 20.09 ug/ml



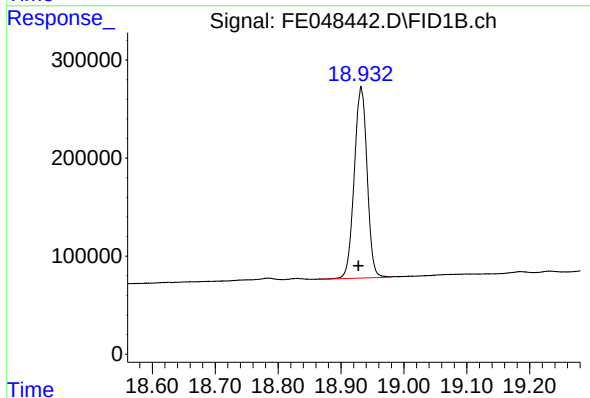
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.003 min
Response: 2736770
Conc: 20.43 ug/ml

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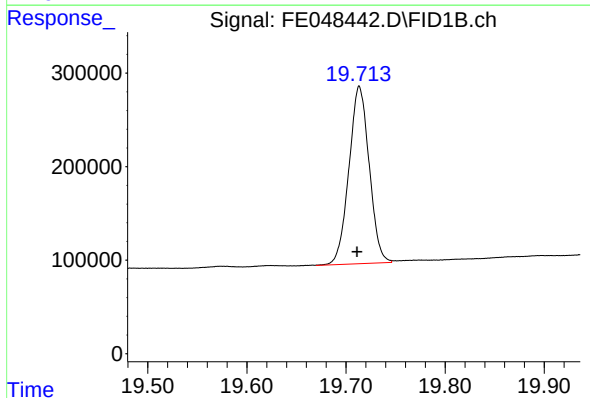
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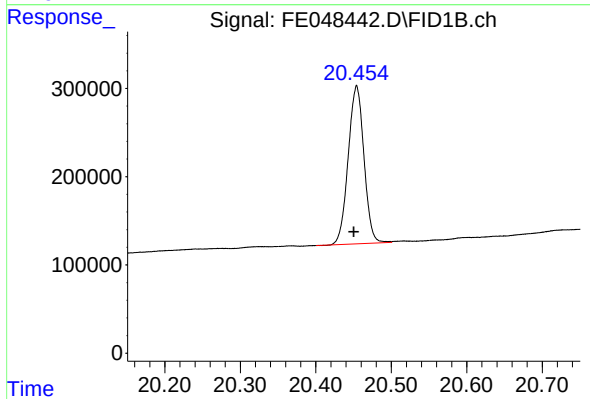
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.004 min
Response: 2767626
Conc: 20.39 ug/ml



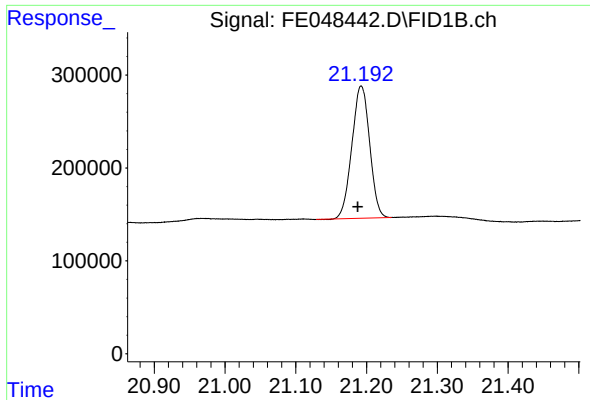
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.002 min
Response: 2692739
Conc: 19.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: 0.004 min
Response: 2595006
Conc: 19.09 ug/ml



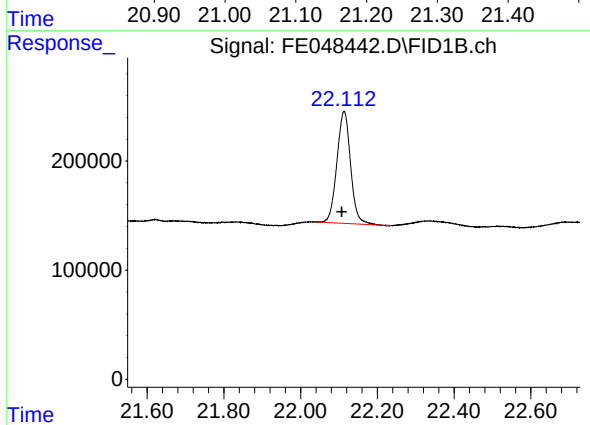
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.005 min
Response: 2485708
Conc: 18.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.006 min
Response: 2535782
Conc: 18.52 ug/ml