

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FE049017.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 12:45
 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 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File: autoint1.e
 Quant Time: Jul 10 01:26:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.927	2934337	17.549 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	13.362	2232334	17.360 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T n-Nonane (C9)	3.313	2775247	18.460 ug/ml
2) T n-Decane (C10)	4.563	2885832	18.753 ug/ml
3) T A~Naphthalene (C11.7)	6.270	2932801	18.474 ug/ml
4) T n-Dodecane (C12)	6.729	2865236	18.560 ug/ml
5) T A~2-methylnaphthalene...	7.366	2787458	18.407 ug/ml
6) T n-Tetradecane (C14)	8.557	2854972	18.628 ug/ml
7) T n-Hexadecane (C16)	10.164	2882414	18.435 ug/ml
8) T n-Octadecane (C18)	11.607	2888780	18.113 ug/ml
10) T n-Eicosane (C20)	12.917	2755535	17.774 ug/ml
11) T n-Heneicosane (C21)	13.528	2696445	17.709 ug/ml
13) T n-Docosane (C22)	14.113	2688064	17.774 ug/ml
14) T n-Tetracosane (C24)	15.215	2655920	17.673 ug/mlm
15) T n-Hexacosane (C26)	16.237	2689526	18.218 ug/ml
16) T n-Octacosane (C28)	17.186	2732999	18.951 ug/ml
17) T n-Tricontane (C30)	18.073	2982088	20.384 ug/ml
18) T n-Dotriacontane (C32)	18.905	3033664	21.217 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2943773	21.274 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2822968	21.721 ug/ml
21) T n-Octatriacontane (C38)	21.164	2848659	22.221 ug/ml
22) T n-Tetracontane (C40)	22.077	2850002	23.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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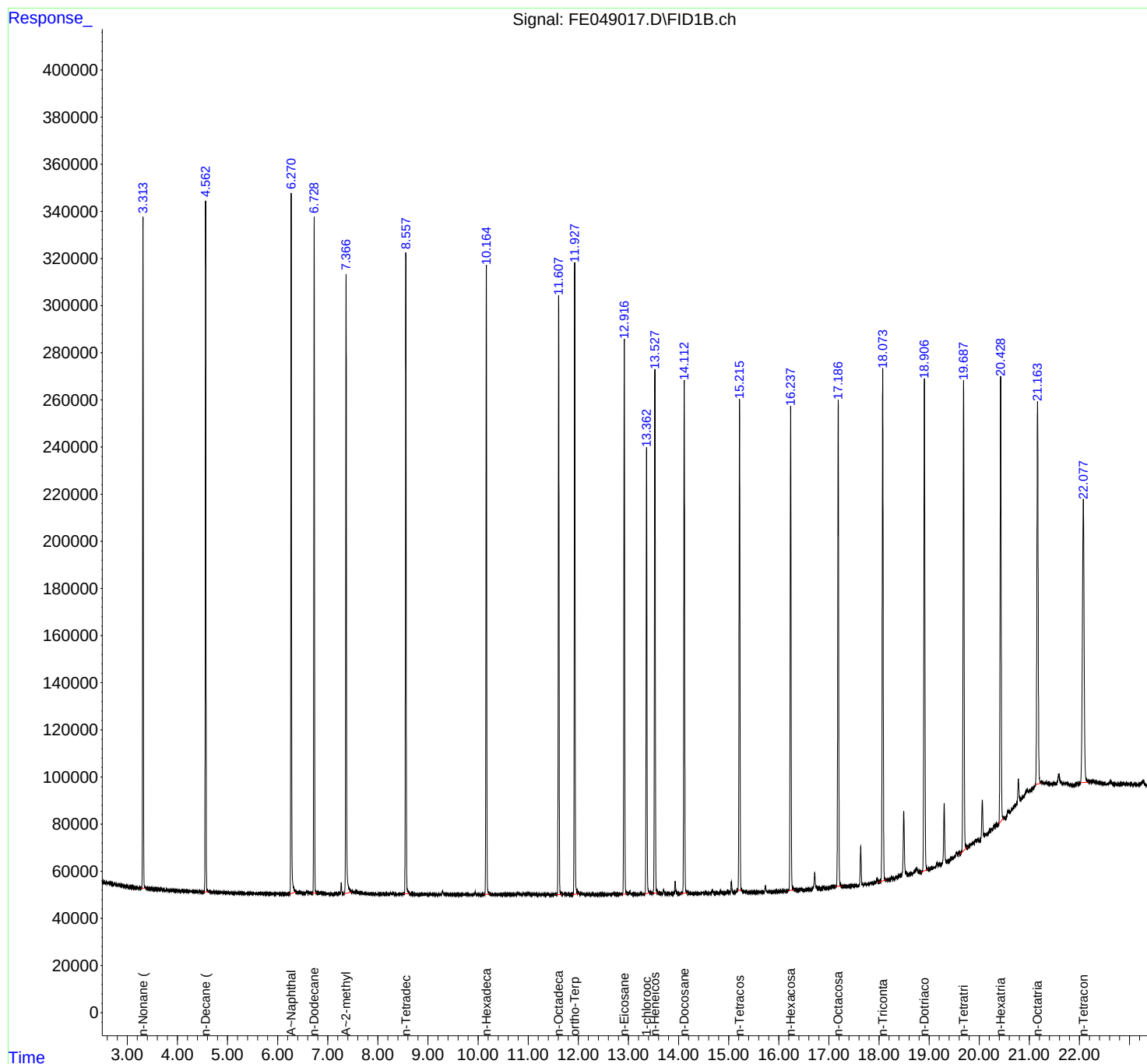
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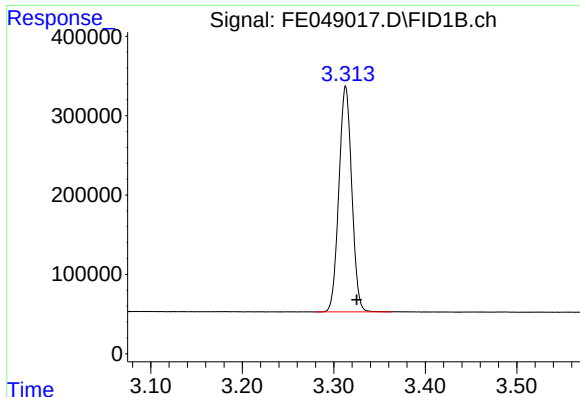
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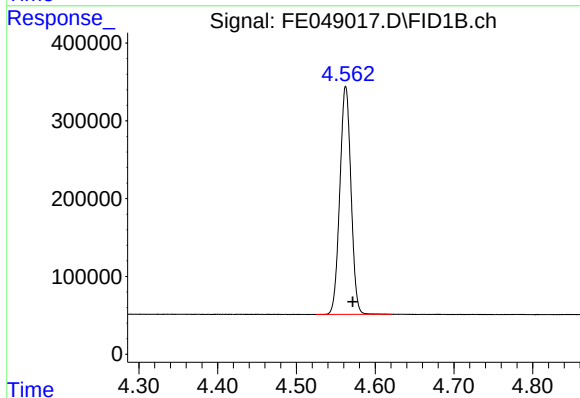
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.012 min
Response: 2775247
Conc: 18.46 ug/ml

Instrument :
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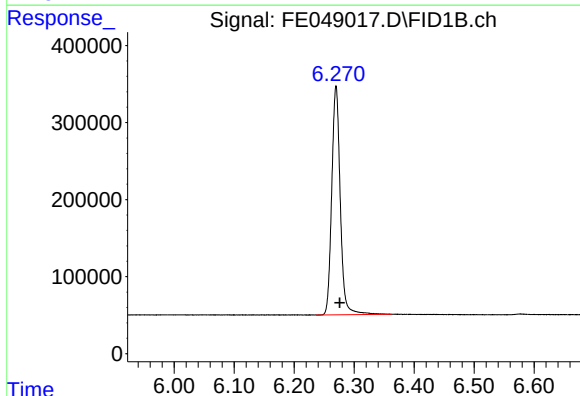
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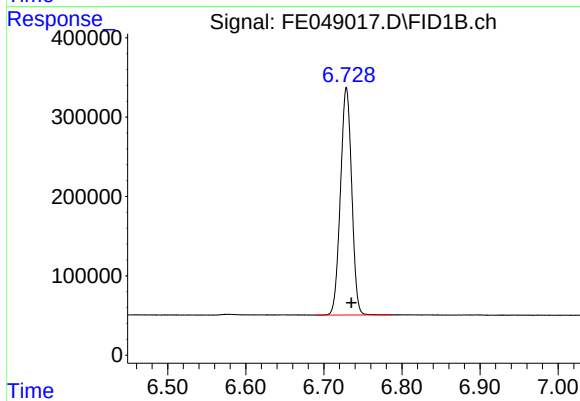
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.009 min
Response: 2885832
Conc: 18.75 ug/ml



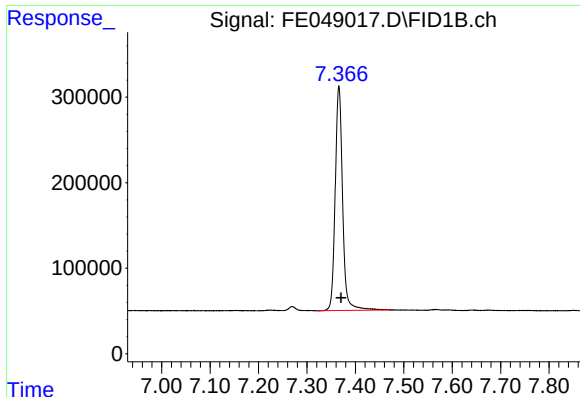
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.006 min
Response: 2932801
Conc: 18.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.006 min
Response: 2865236
Conc: 18.56 ug/ml



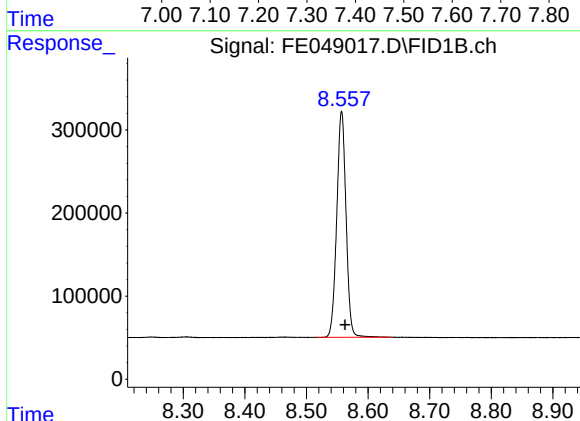
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: -0.005 min
Response: 2787458
Conc: 18.41 ug/ml

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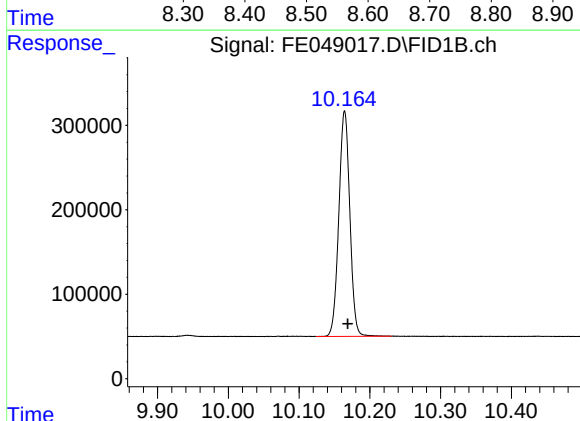
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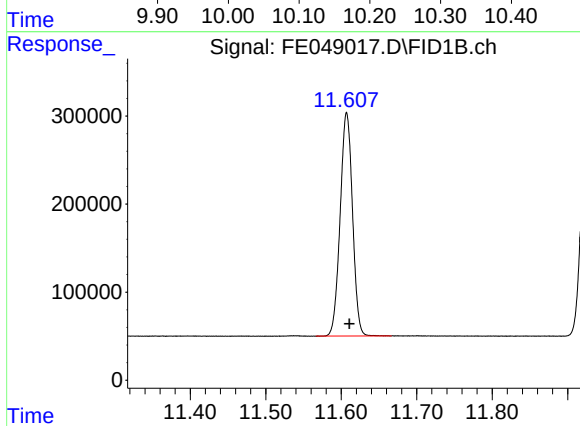
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 2854972
Conc: 18.63 ug/ml



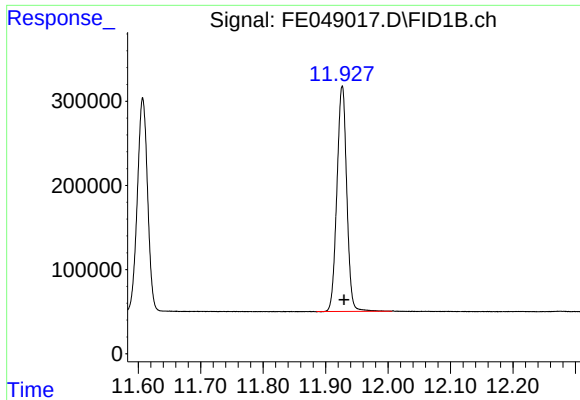
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.004 min
Response: 2882414
Conc: 18.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.004 min
Response: 2888780
Conc: 18.11 ug/ml



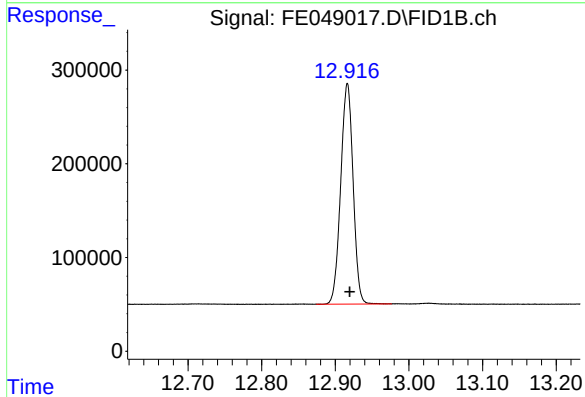
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 2934337
Conc: 17.55 ug/ml

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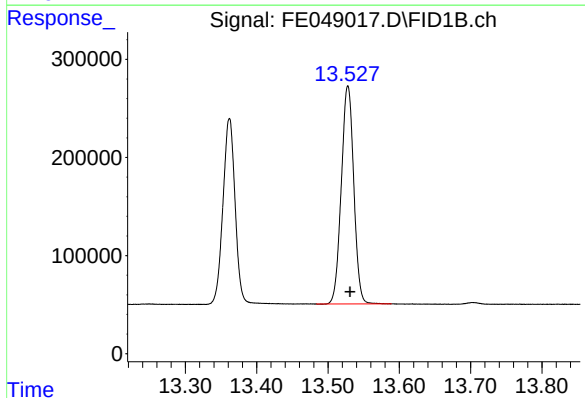
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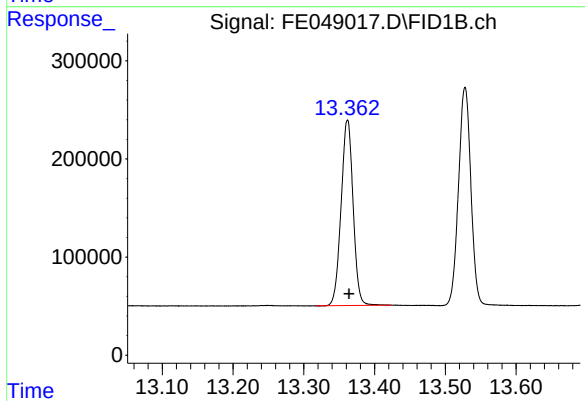
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 2755535
Conc: 17.77 ug/ml



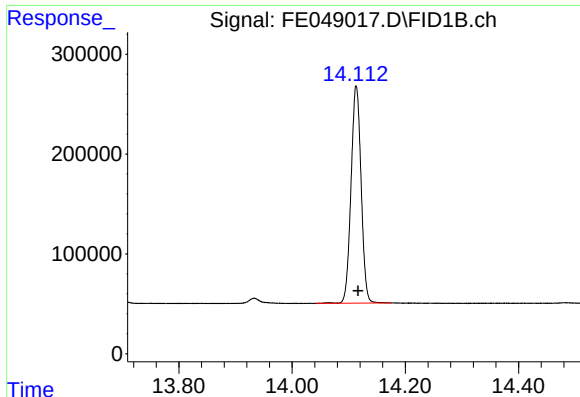
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.003 min
Response: 2696445
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 2232334
Conc: 17.36 ug/ml



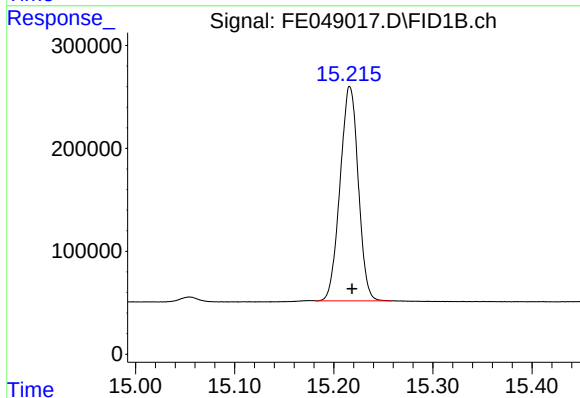
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: -0.003 min
Response: 2688064
Conc: 17.77 ug/ml

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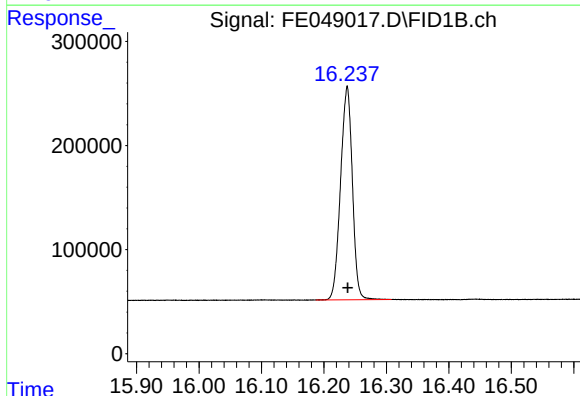
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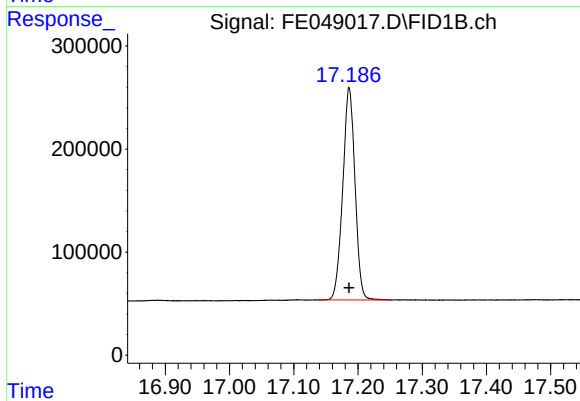
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 2655920
Conc: 17.67 ug/ml m



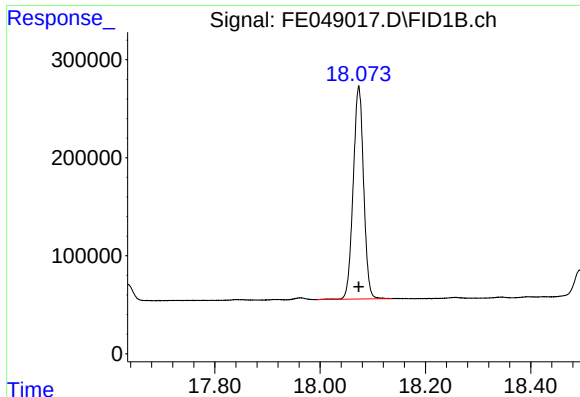
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 2689526
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.000 min
Response: 2732999
Conc: 18.95 ug/ml



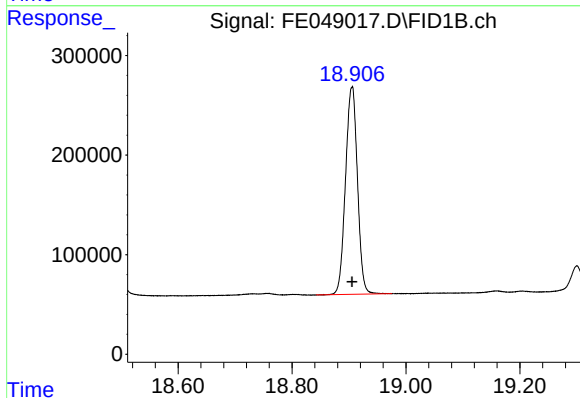
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 2982088
Conc: 20.38 ug/ml

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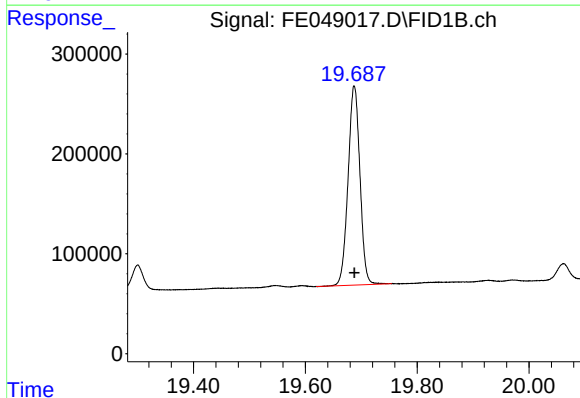
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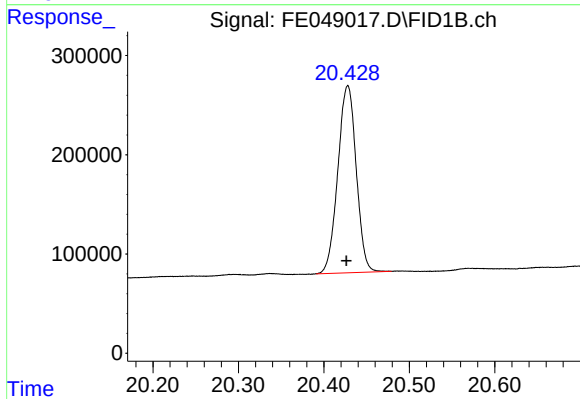
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 3033664
Conc: 21.22 ug/ml



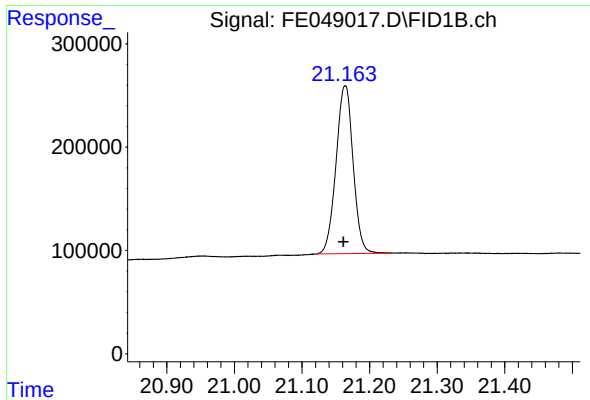
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 2943773
Conc: 21.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: 0.002 min
Response: 2822968
Conc: 21.72 ug/ml



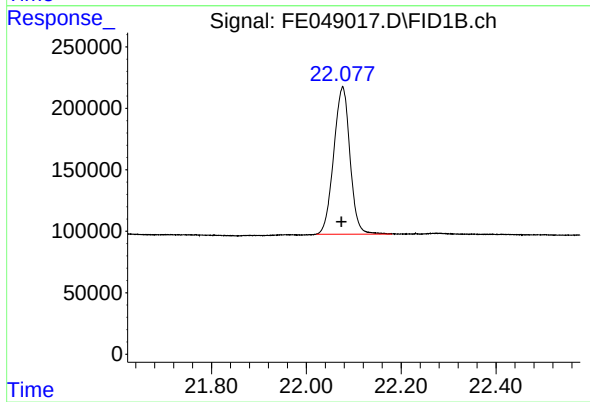
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.003 min
Response: 2848659
Conc: 22.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.003 min
Response: 2850002
Conc: 23.27 ug/ml