

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039086.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 12:21
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 02 15:36:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.946	2753647	17.602 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
12) S 1-chlorooctadecane (S...	13.380	2129610	17.638 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.341	2323485	16.392 ug/ml
2) T n-Decane (C10)	4.591	2310567	16.578 ug/ml
3) T A~Naphthalene (C11.7)	6.294	2686649	16.892 ug/ml
4) T n-Dodecane (C12)	6.754	2335673	16.570 ug/ml
5) T A~2-methylnaphthalene...	7.389	2528946	16.897 ug/ml
6) T n-Tetradecane (C14)	8.579	2389275	16.729 ug/ml
7) T n-Hexadecane (C16)	10.186	2497034	17.078 ug/ml
8) T n-Octadecane (C18)	11.627	2564473	17.428 ug/ml
10) T n-Eicosane (C20)	12.936	2533848	17.849 ug/ml
11) T n-Heneicosane (C21)	13.547	2516556	17.710 ug/ml
13) T n-Docosane (C22)	14.133	2566955	18.363 ug/ml
14) T n-Tetracosane (C24)	15.236	2636802	19.093 ug/ml
15) T n-Hexacosane (C26)	16.257	2658721	19.795 ug/ml
16) T n-Octacosane (C28)	17.207	2735840	20.601 ug/ml
17) T n-Tricontane (C30)	18.094	2774208	21.007 ug/ml
18) T n-Dotriacontane (C32)	18.926	2788538	20.909 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2621109	19.808 ug/mlm
20) T n-Hexatriacontane (C36)	20.450	2445994	19.039 ug/mlm
21) T n-Octatriacontane (C38)	21.190	2446096	18.667 ug/ml
22) T n-Tetracontane (C40)	22.107	2418980	17.765 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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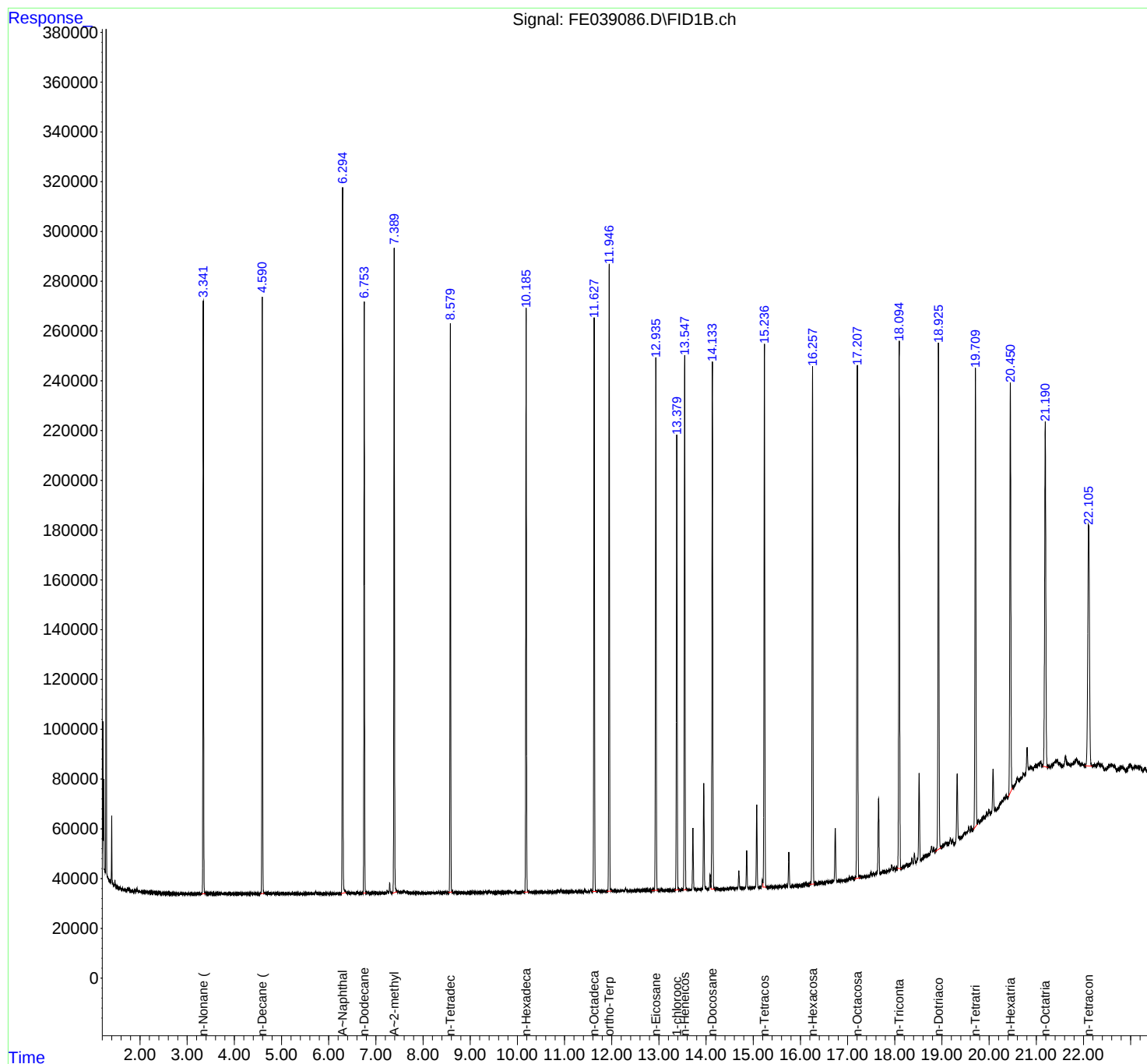
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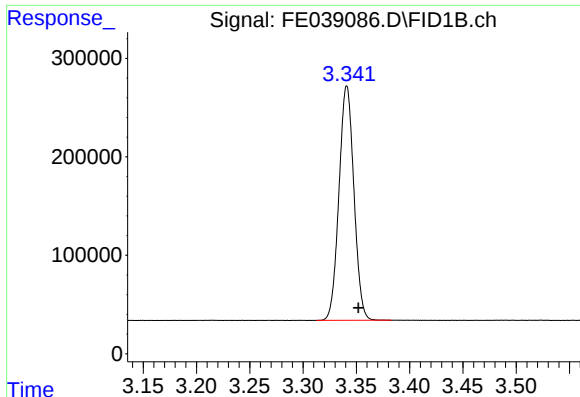
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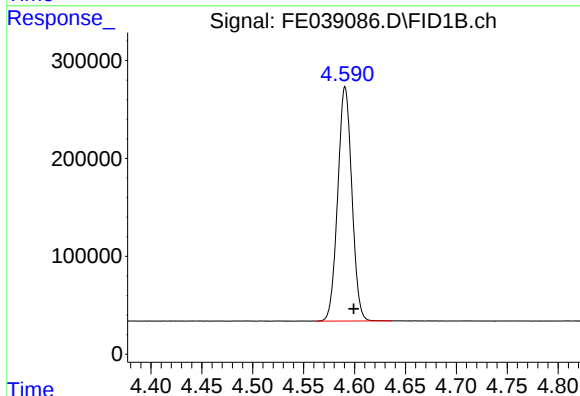
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.011 min
Response: 2323485
Conc: 16.39 ug/ml

Instrument :
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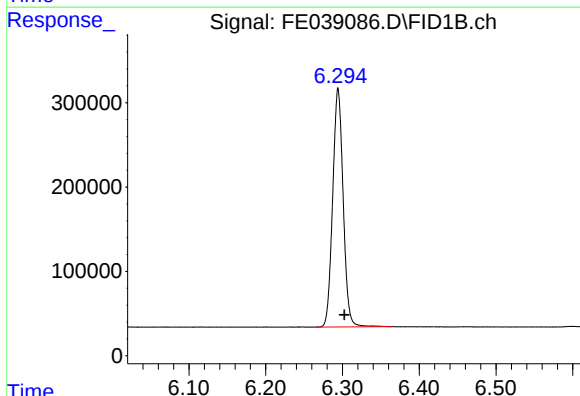
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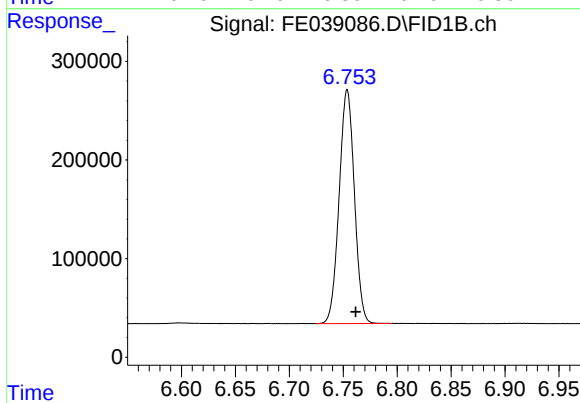
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.009 min
Response: 2310567
Conc: 16.58 ug/ml



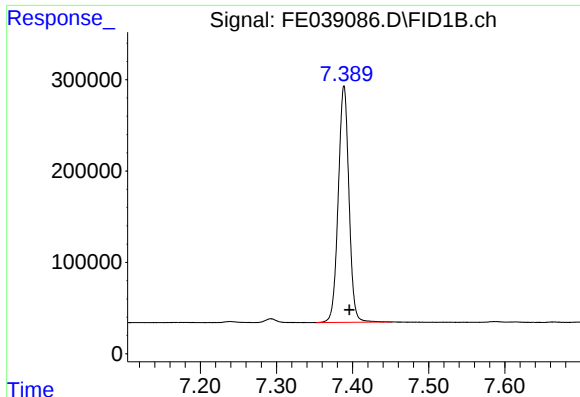
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.008 min
Response: 2686649
Conc: 16.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.754 min
Delta R.T.: -0.008 min
Response: 2335673
Conc: 16.57 ug/ml



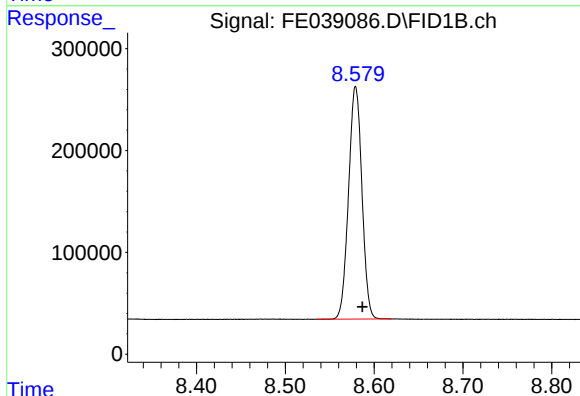
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 2528946
Conc: 16.90 ug/ml

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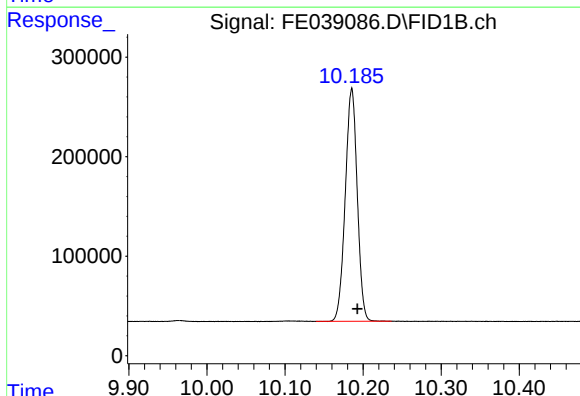
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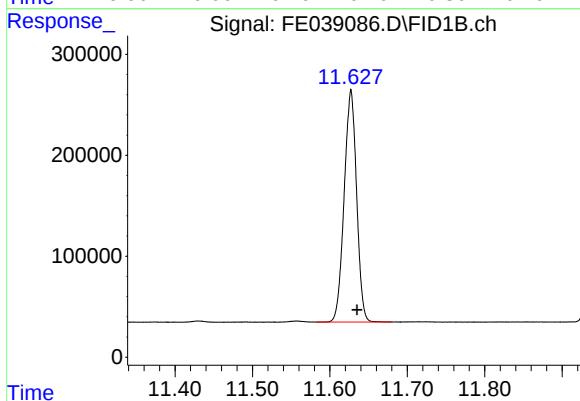
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.008 min
Response: 2389275
Conc: 16.73 ug/ml



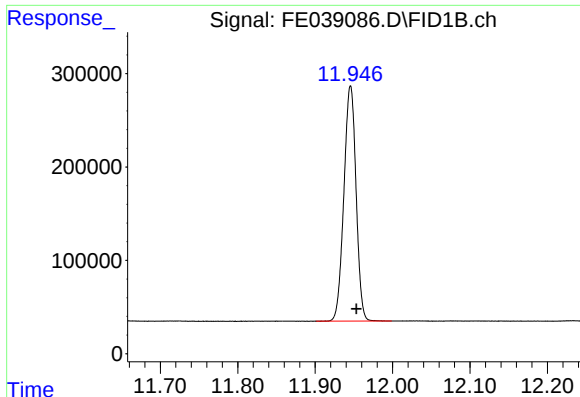
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.007 min
Response: 2497034
Conc: 17.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 2564473
Conc: 17.43 ug/ml



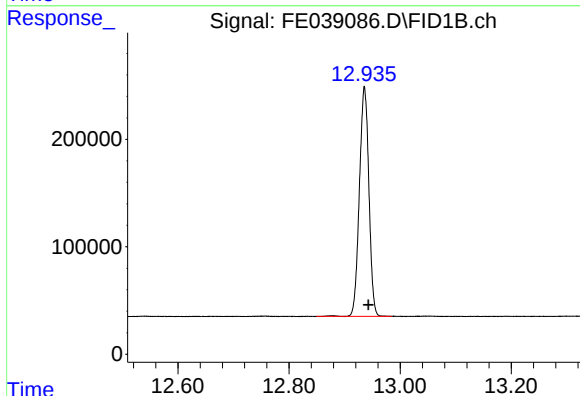
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.007 min
Response: 2753647
Conc: 17.60 ug/ml

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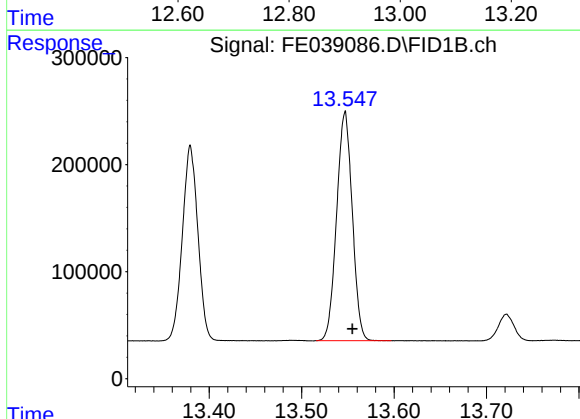
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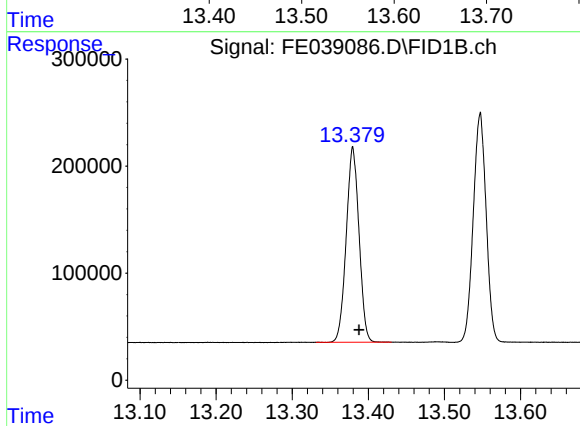
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.007 min
Response: 2533848
Conc: 17.85 ug/ml



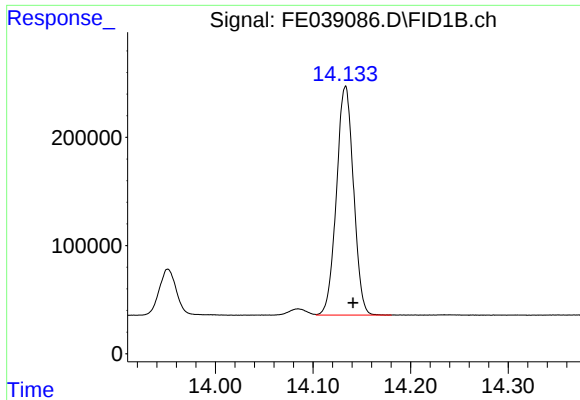
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 2516556
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 2129610
Conc: 17.64 ug/ml



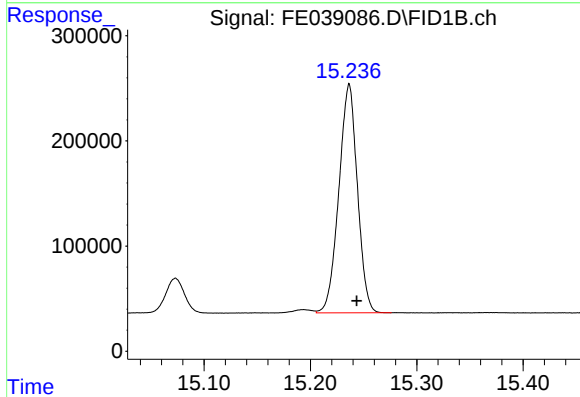
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 2566955
Conc: 18.36 ug/ml

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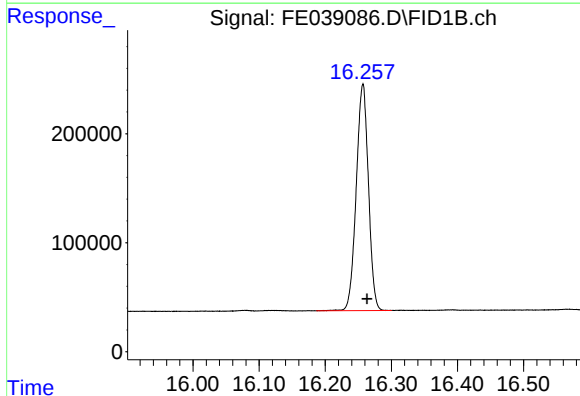
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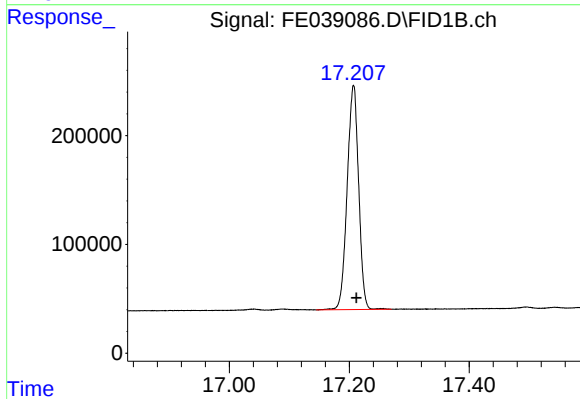
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.007 min
Response: 2636802
Conc: 19.09 ug/ml



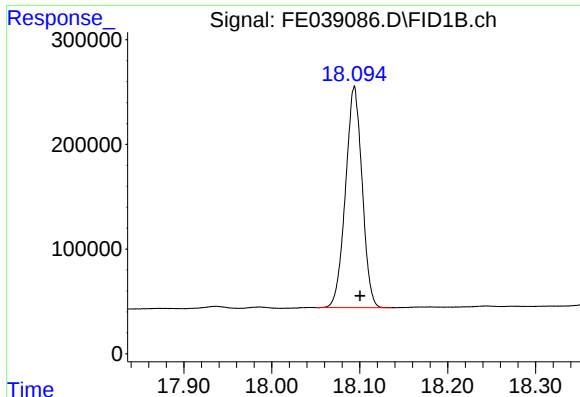
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 2658721
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.005 min
Response: 2735840
Conc: 20.60 ug/ml



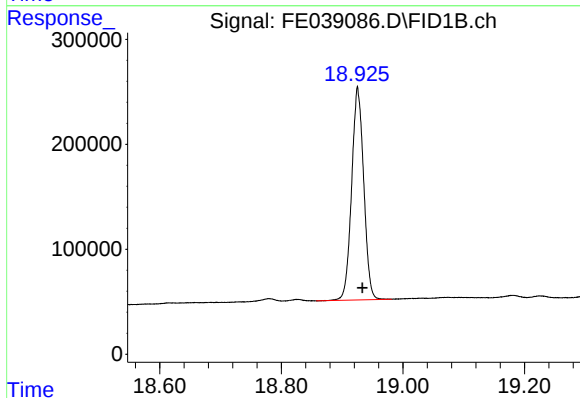
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.006 min
Response: 2774208
Conc: 21.01 ug/ml

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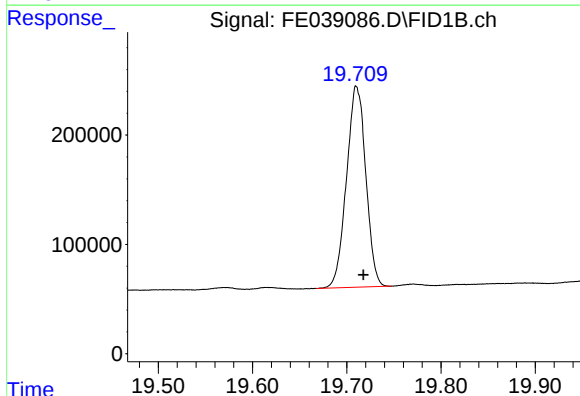
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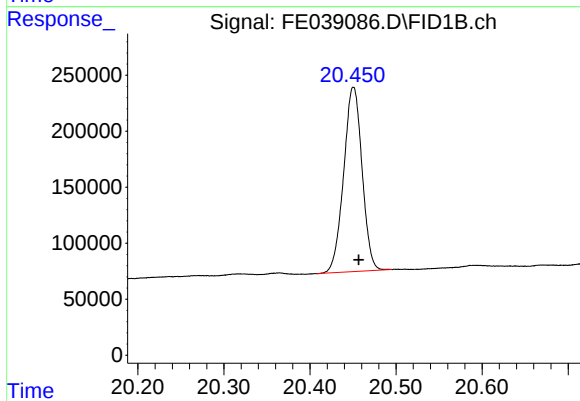
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.008 min
Response: 2788538
Conc: 20.91 ug/ml



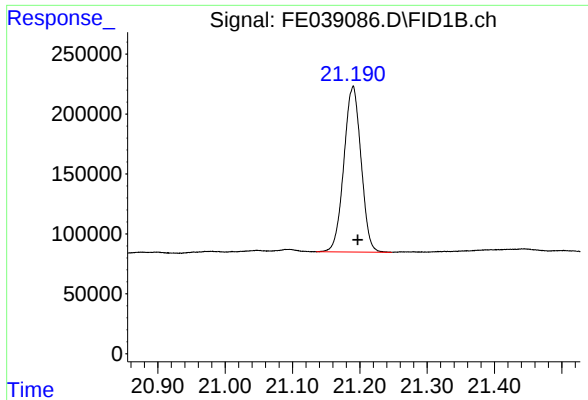
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 2621109
Conc: 19.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 2445994
Conc: 19.04 ug/ml m



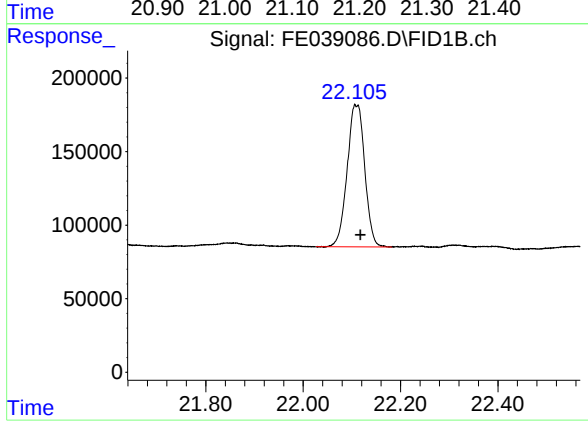
#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.007 min
Response: 2446096
Conc: 18.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.011 min
Response: 2418980
Conc: 17.76 ug/ml