

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039637.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 19:41
 Operator : YP\AJ
 Sample : 01005-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-10323-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2023
 Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
 Quant Time: Jan 05 02:35:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.928	5717740	38.314 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	13.362	4662609	40.510 ug/mlm
Spiked Amount 50.000		Recovery =	81.02%
Target Compounds			
1) T n-Nonane (C9)	3.319	3232599	25.009 ug/ml
2) T n-Decane (C10)	4.570	3727892	29.257 ug/ml
3) T A~Naphthalene (C11.7)	6.272	4345551	30.061 ug/ml
4) T n-Dodecane (C12)	6.734	4183043	32.221 ug/ml
5) T A~2-methylnaphthalene...	7.367	4319803	31.897 ug/ml
6) T n-Tetradecane (C14)	8.562	4617991	34.850 ug/ml
7) T n-Hexadecane (C16)	10.167	5265756	38.276 ug/ml
8) T n-Octadecane (C18)	11.610	5677695	40.537 ug/ml
10) T n-Eicosane (C20)	12.919	5588442	40.939 ug/ml
11) T n-Heneicosane (C21)	13.530	5557201	40.745 ug/mlm
13) T n-Docosane (C22)	14.116	5570349	41.178 ug/ml
14) T n-Tetracosane (C24)	15.212	4587972	34.177 ug/mlm
15) T n-Hexacosane (C26)	16.242	5394538	41.430 ug/ml
16) T n-Octacosane (C28)	17.190	5282651	41.046 ug/ml
17) T n-Tricontane (C30)	18.078	5080917	39.464 ug/mlm
18) T n-Dotriacontane (C32)	18.912	5061480	39.085 ug/ml
19) T n-Tetratriacontane (C34)	19.694	4706287	37.303 ug/ml
20) T n-Hexatriacontane (C36)	20.435	4084535	33.780 ug/ml
21) T n-Octatriacontane (C38)	21.171	3807525	30.831 ug/ml
22) T n-Tetracontane (C40)	22.080	3710295	29.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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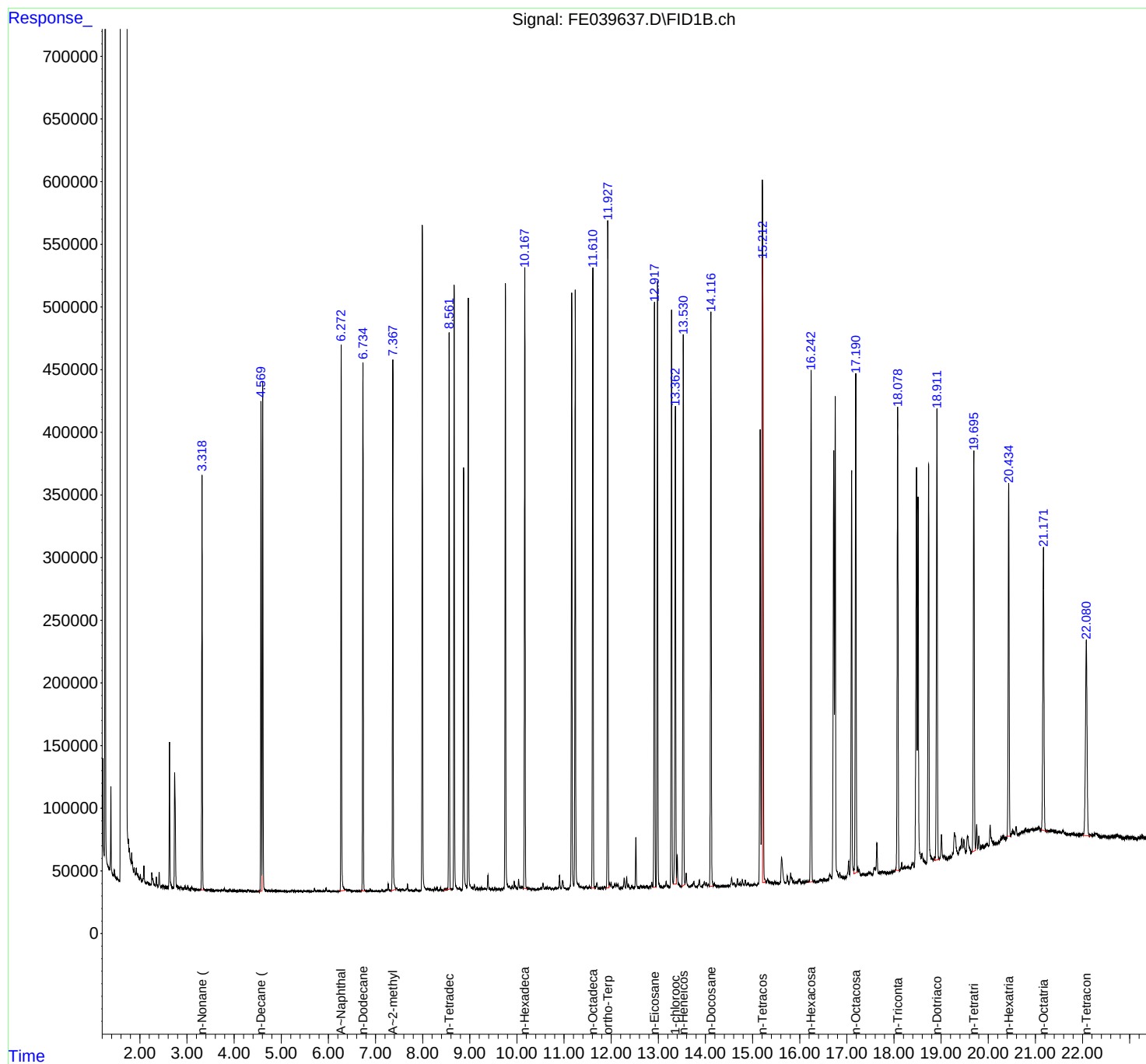
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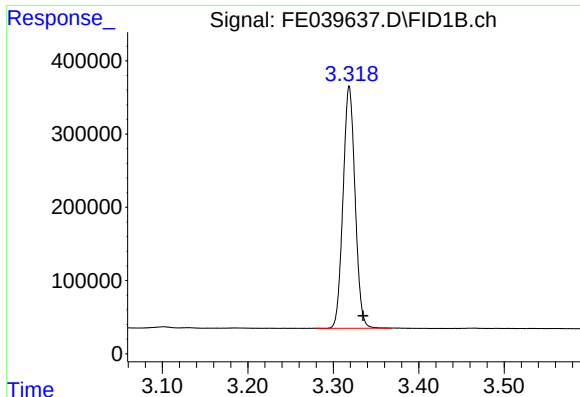
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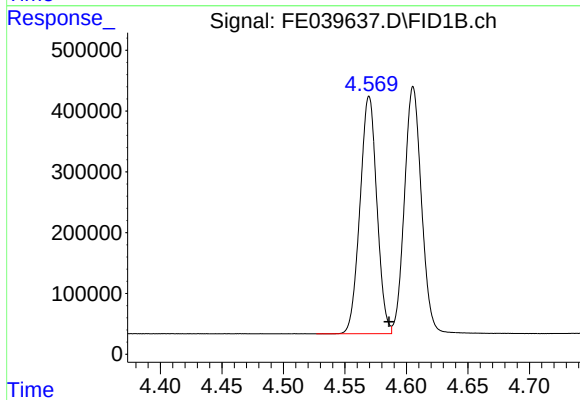
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 3232599
Conc: 25.01 ug/ml

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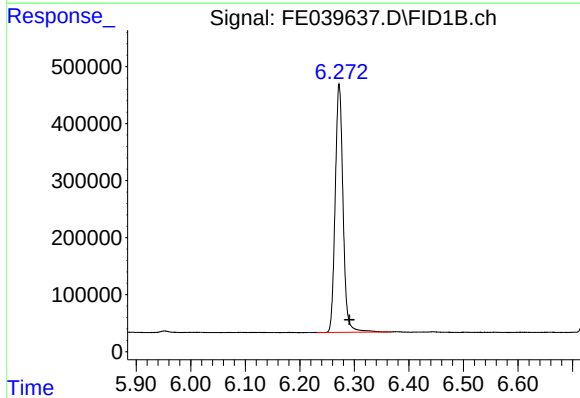
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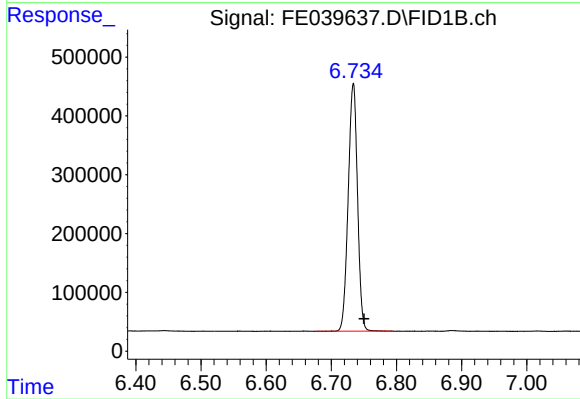
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.016 min
Response: 3727892
Conc: 29.26 ug/ml



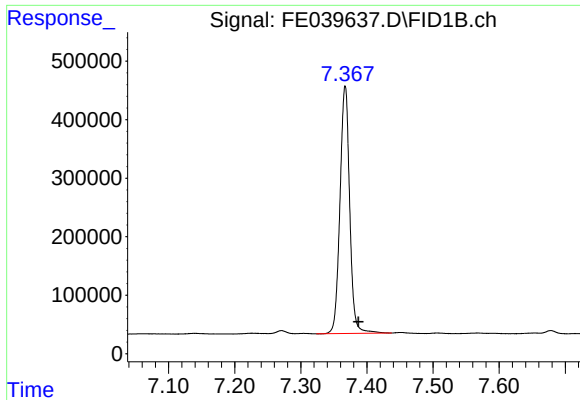
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.019 min
Response: 4345551
Conc: 30.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.017 min
Response: 4183043
Conc: 32.22 ug/ml



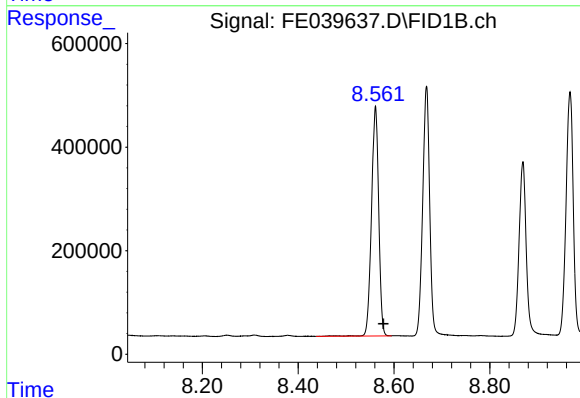
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 4319803
Conc: 31.90 ug/ml

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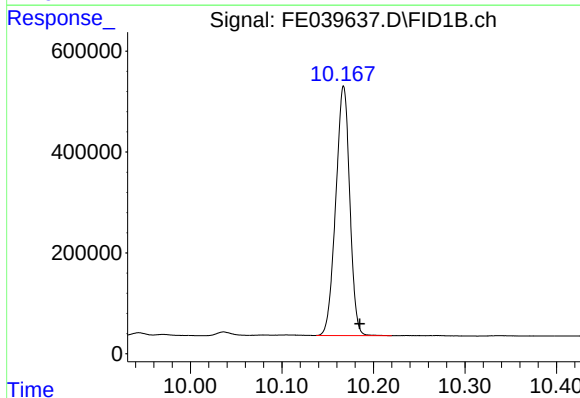
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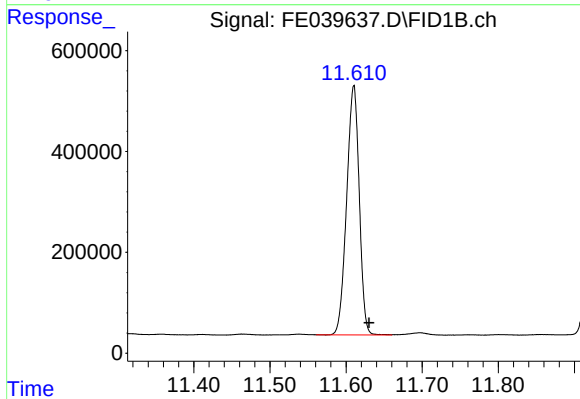
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.016 min
Response: 4617991
Conc: 34.85 ug/ml



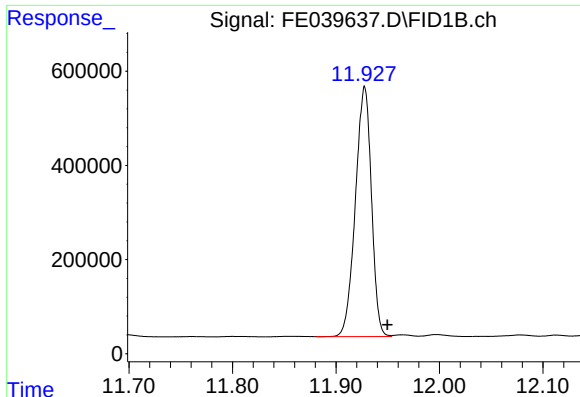
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 5265756
Conc: 38.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.020 min
Response: 5677695
Conc: 40.54 ug/ml



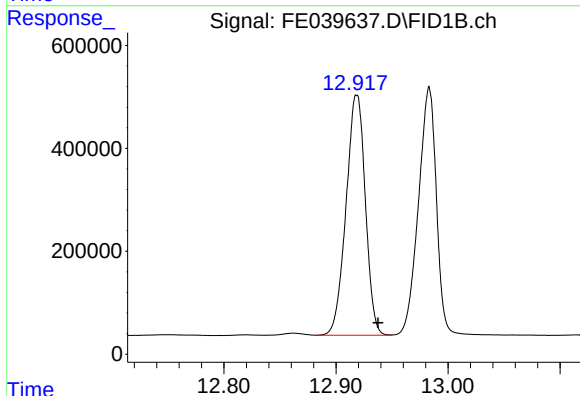
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.022 min
Response: 5717740
Conc: 38.31 ug/ml

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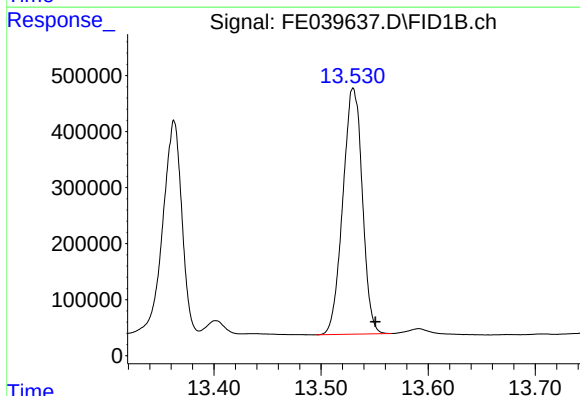
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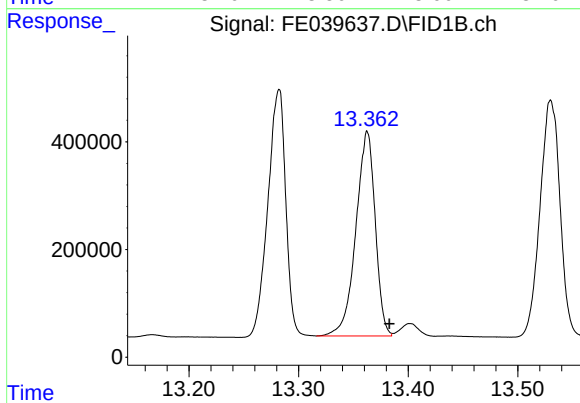
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.019 min
Response: 5588442
Conc: 40.94 ug/ml



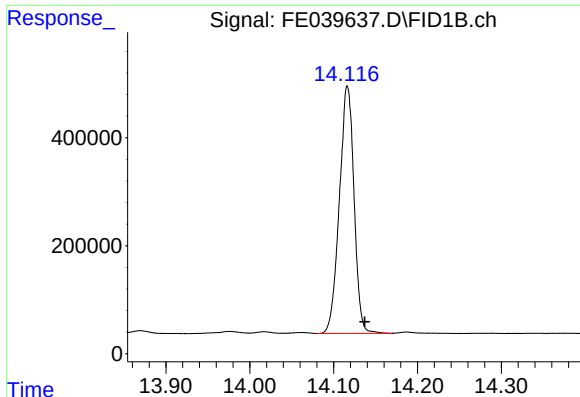
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 5557201
Conc: 40.74 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 4662609
Conc: 40.51 ug/ml m



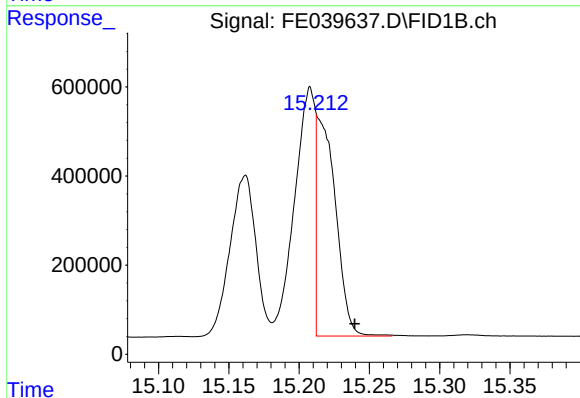
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.021 min
Response: 5570349
Conc: 41.18 ug/ml

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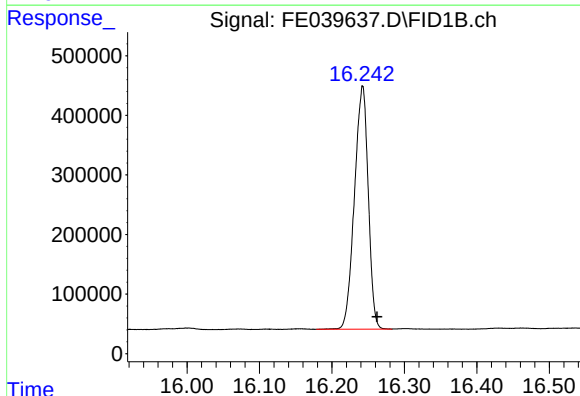
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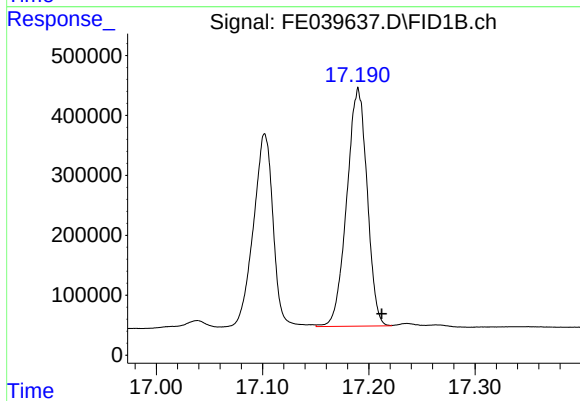
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.027 min
Response: 4587972
Conc: 34.18 ug/ml m



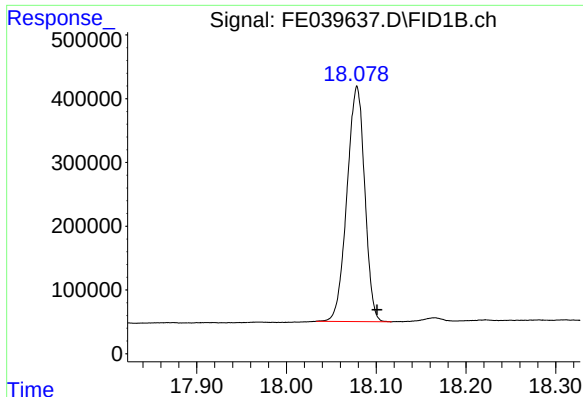
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.020 min
Response: 5394538
Conc: 41.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.022 min
Response: 5282651
Conc: 41.05 ug/ml



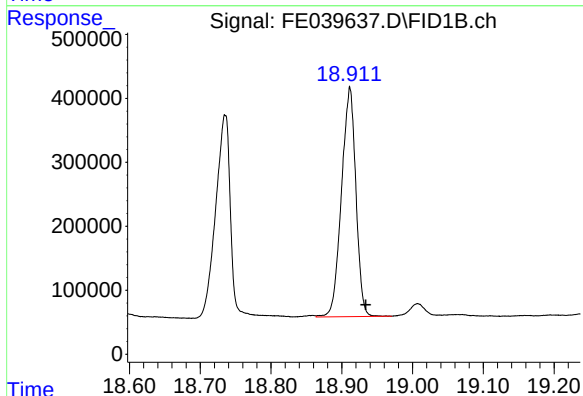
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 5080917
Conc: 39.46 ug/ml

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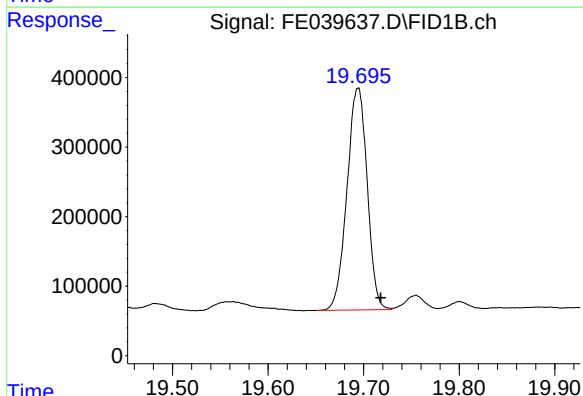
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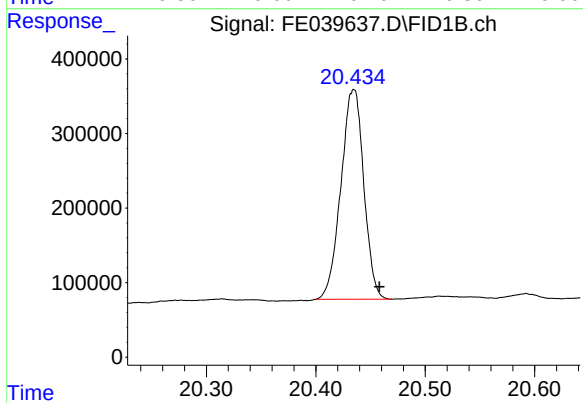
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.022 min
Response: 5061480
Conc: 39.08 ug/ml



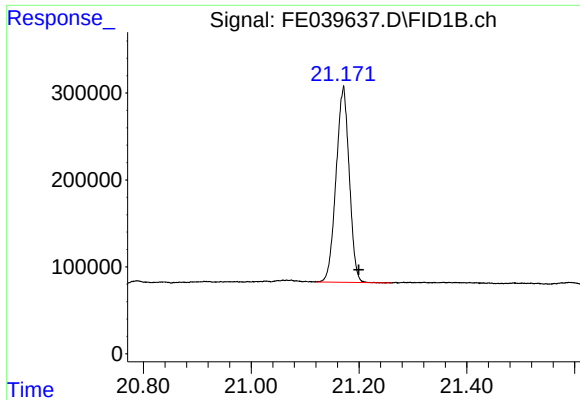
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.023 min
Response: 4706287
Conc: 37.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.023 min
Response: 4084535
Conc: 33.78 ug/ml



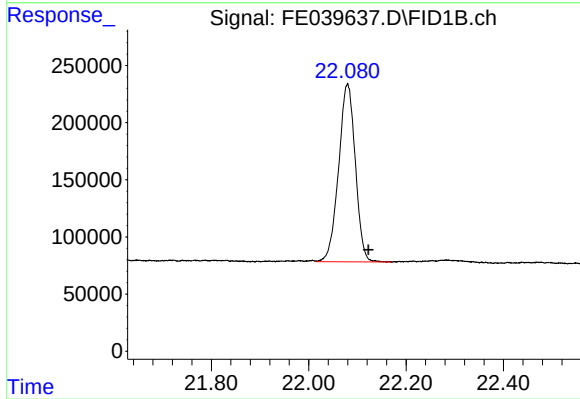
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.029 min
Response: 3807525
Conc: 30.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.043 min
Response: 3710295
Conc: 29.54 ug/ml