

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037749.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2022 10:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 17:18:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.624	3436692	20.336 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	13.048	2589230	20.118 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.016	3281968	21.450 ug/mlm
2) T n-Decane (C10)	4.275	3320384	21.536 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3276290	22.741 ug/ml
4) T n-Dodecane (C12)	6.448	3398230	21.490 ug/ml
5) T A~2-methylnaphthalene...	7.085	3185545	22.817 ug/ml
6) T n-Tetradecane (C14)	9.868	3381407	21.340 ug/ml
7) T n-Hexadecane (C16)	9.868	3381407	21.340 ug/ml
8) T n-Octadecane (C18)	11.303	3326347	20.888 ug/ml
10) T n-Eicosane (C20)	12.605	3220998	20.358 ug/ml
11) T n-Heneicosane (C21)	13.214	3170058	20.103 ug/ml
13) T n-Docosane (C22)	13.798	3110941	19.984 ug/ml
14) T n-Tetracosane (C24)	14.896	3011898	20.025 ug/ml
15) T n-Hexacosane (C26)	15.910	2928621	20.225 ug/ml
16) T n-Octacosane (C28)	16.856	2886150	20.833 ug/ml
17) T n-Tricontane (C30)	17.740	2943414	21.638 ug/ml
18) T n-Dotriacontane (C32)	18.570	2969061	22.235 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2907231	22.977 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2739241	21.298 ug/ml
21) T n-Octatriacontane (C38)	20.784	2723966	21.886 ug/ml
22) T n-Tetracontane (C40)	21.562	2418676	18.762 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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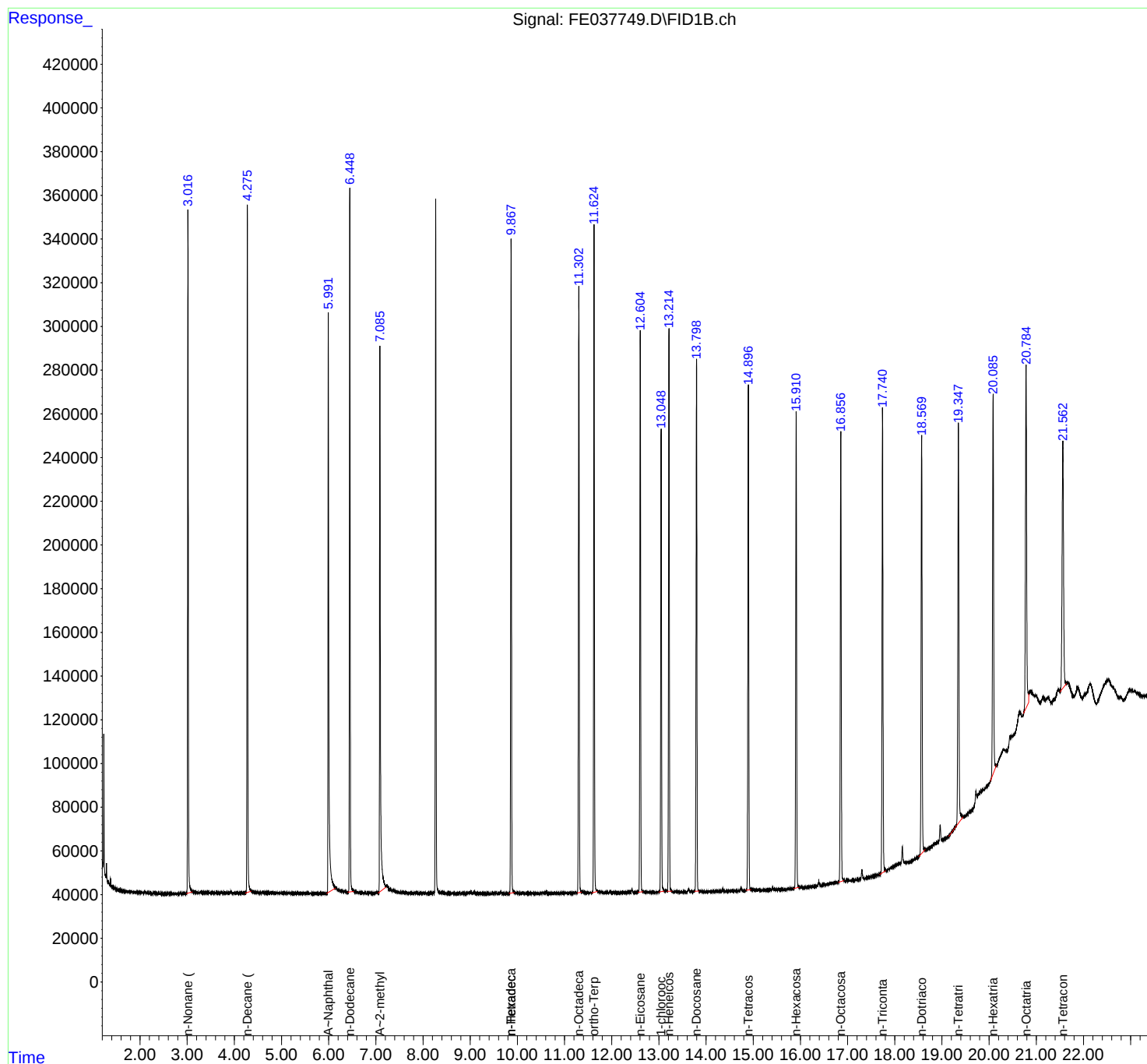
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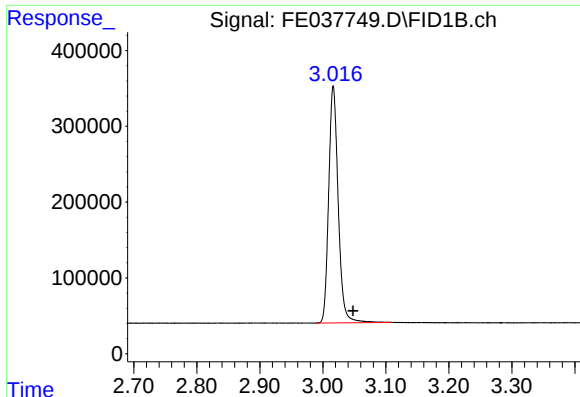
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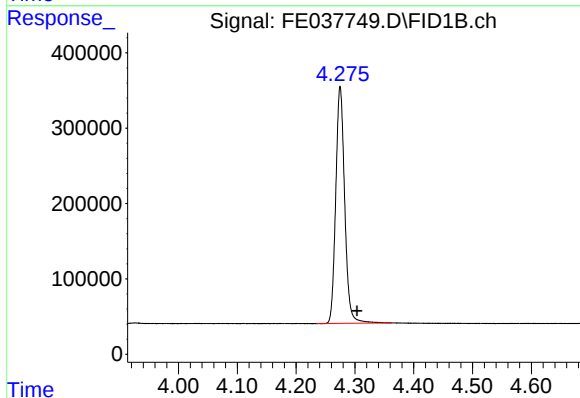
#1 n-Nonane (C9)

R.T.: 3.016 min
Delta R.T.: -0.032 min
Response: 3281968
Conc: 21.45 ug/ml

Instrument :
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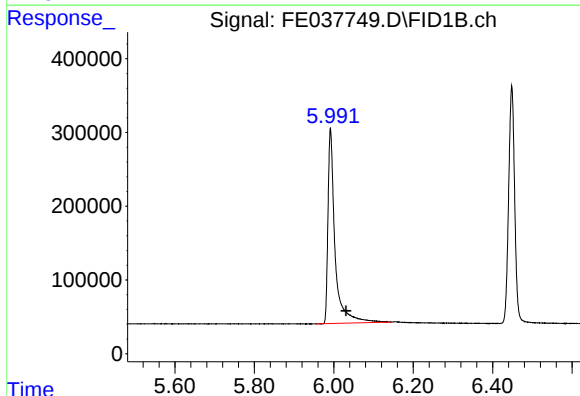
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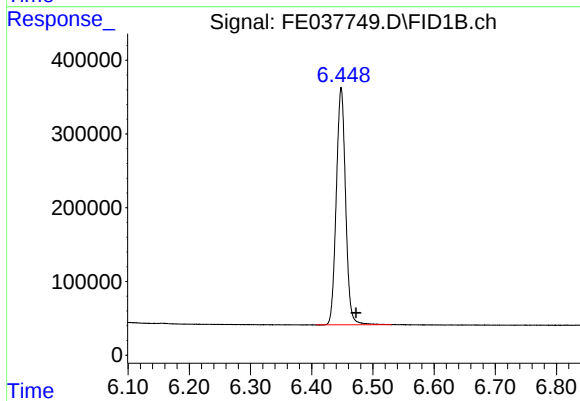
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.028 min
Response: 3320384
Conc: 21.54 ug/ml



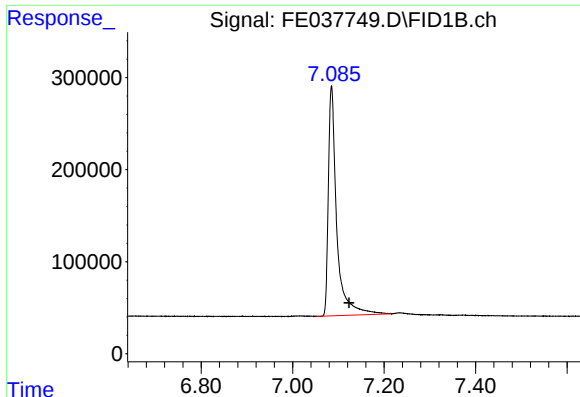
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.039 min
Response: 3276290
Conc: 22.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.024 min
Response: 3398230
Conc: 21.49 ug/ml



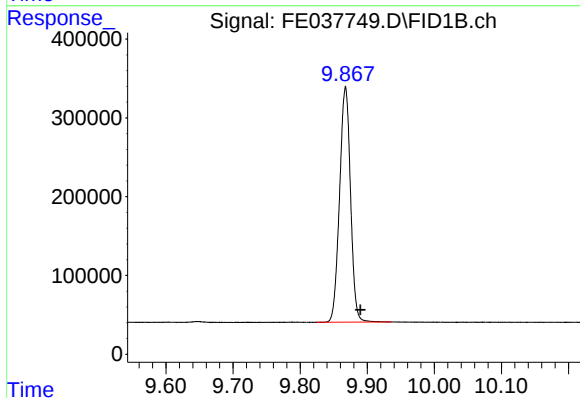
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.038 min
Response: 3185545
Conc: 22.82 ug/ml

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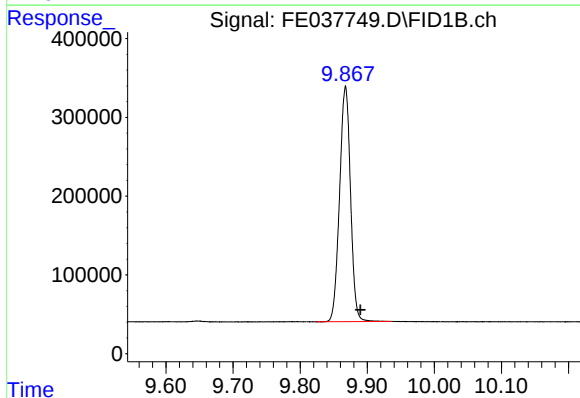
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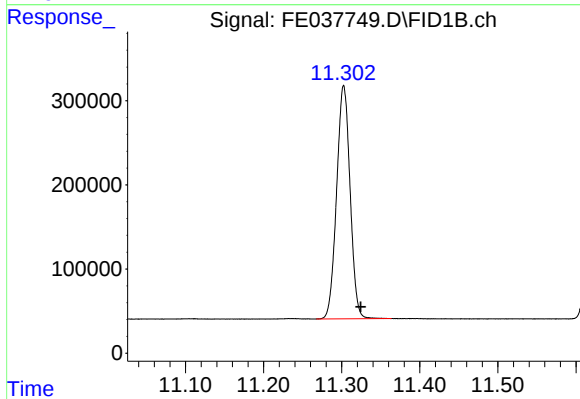
#6 n-Tetradecane (C14)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 3381407
Conc: 21.34 ug/ml



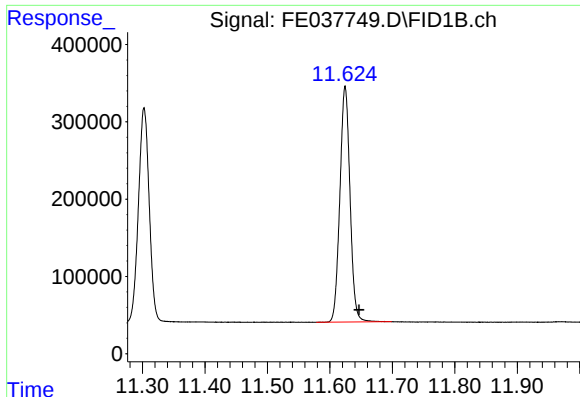
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 3381407
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.022 min
Response: 3326347
Conc: 20.89 ug/ml



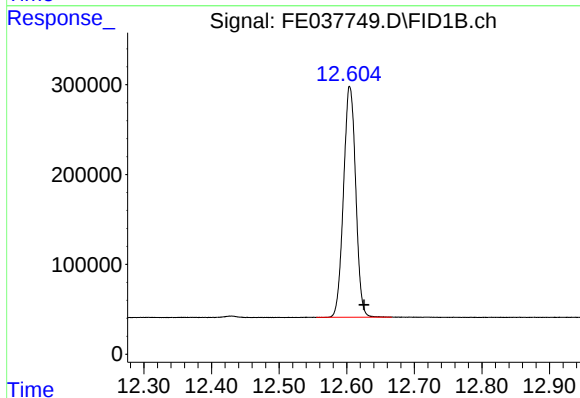
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 3436692
Conc: 20.34 ug/ml

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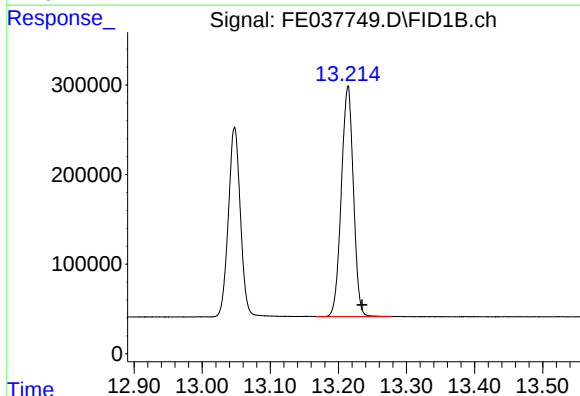
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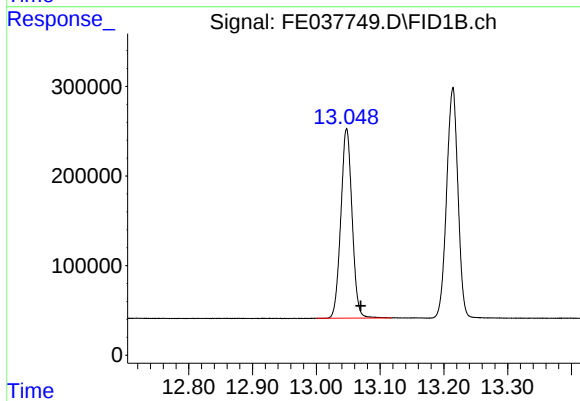
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.021 min
Response: 3220998
Conc: 20.36 ug/ml



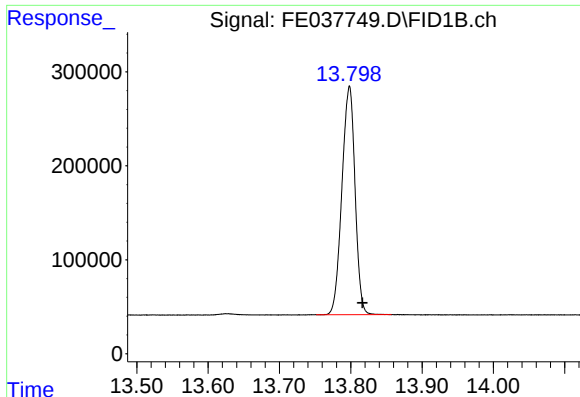
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 3170058
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.022 min
Response: 2589230
Conc: 20.12 ug/ml



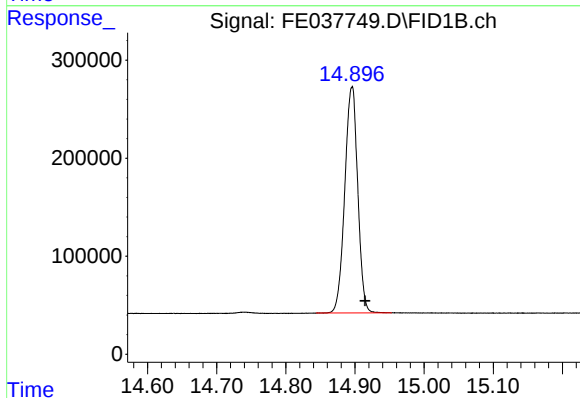
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.018 min
Response: 3110941
Conc: 19.98 ug/ml

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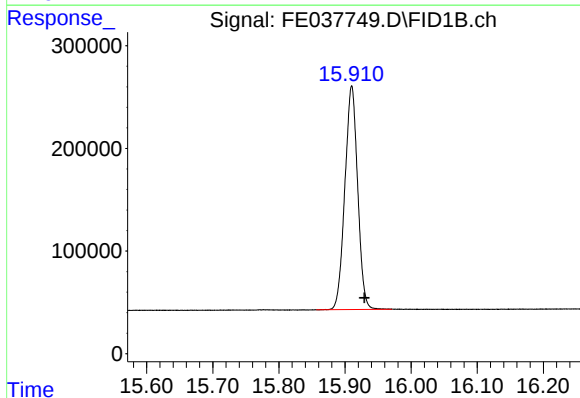
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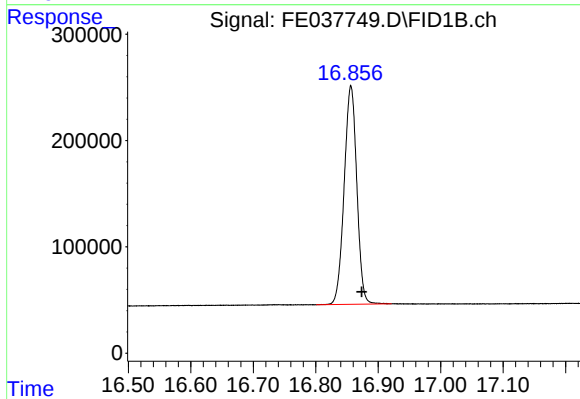
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.019 min
Response: 3011898
Conc: 20.03 ug/ml



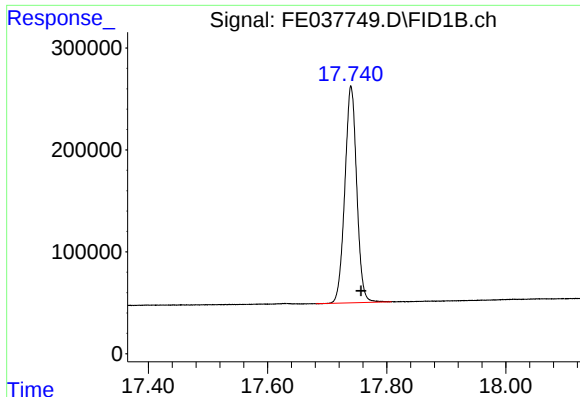
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.019 min
Response: 2928621
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.017 min
Response: 2886150
Conc: 20.83 ug/ml



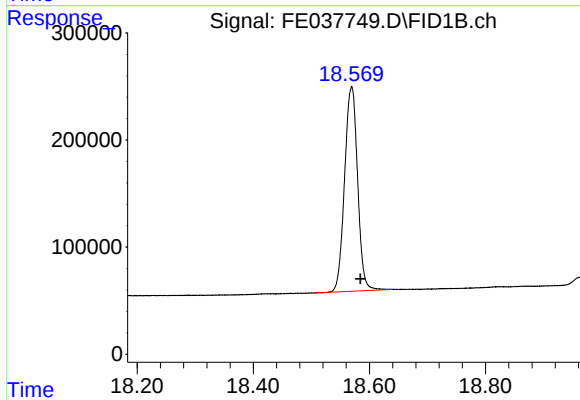
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.017 min
Response: 2943414
Conc: 21.64 ug/ml

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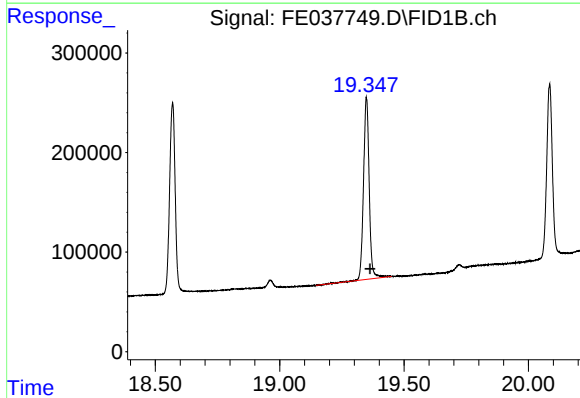
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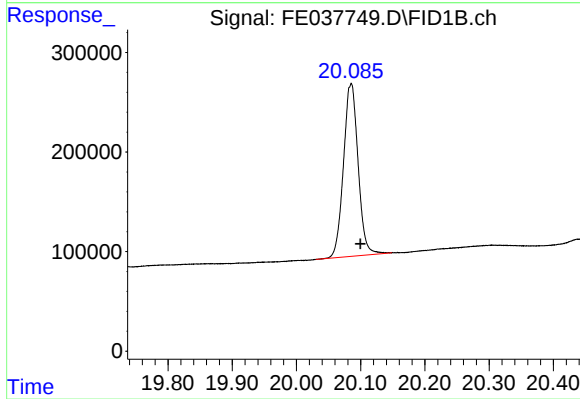
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.015 min
Response: 2969061
Conc: 22.23 ug/ml



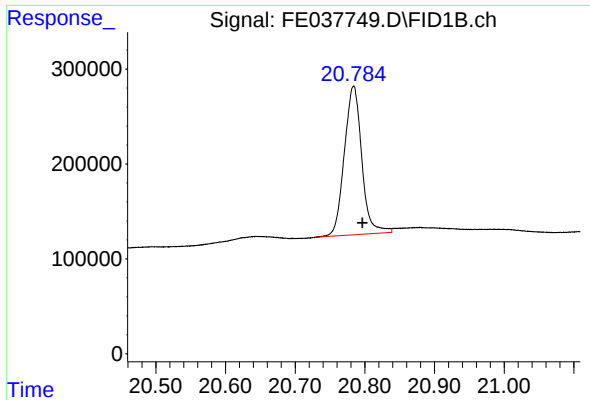
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.015 min
Response: 2907231
Conc: 22.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.014 min
Response: 2739241
Conc: 21.30 ug/ml



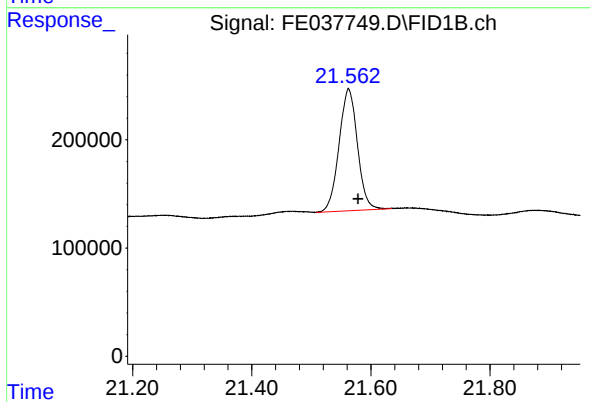
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.013 min
Response: 2723966
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.562 min
Delta R.T.: -0.016 min
Response: 2418676
Conc: 18.76 ug/ml m