

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037577.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 07:24
 Operator : YP\AJ
 Sample : N4579-05MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-25MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 08:41:40 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)	11.629	4138237	24.488 ug/ml
Spiked Amount 50.000		Recovery =	48.98%
12) S 1-chlorooctadecane (S...	13.051	3416801	26.549 ug/ml
Spiked Amount 50.000		Recovery =	53.10%
Target Compounds			
1) T n-Nonane (C9)	3.030	4749048	31.038 ug/ml
2) T n-Decane (C10)	4.286	5410323	35.092 ug/ml
3) T A~Naphthalene (C11.7)	5.996	5911716	41.033 ug/ml
4) T n-Dodecane (C12)	6.455	6123432	38.723 ug/ml
5) T A~2-methylnaphthalene...	7.089	6060235	43.407 ug/ml
6) T n-Tetradecane (C14)	9.873	6751027	42.606 ug/ml
7) T n-Hexadecane (C16)	9.873	6751027	42.606 ug/ml
8) T n-Octadecane (C18)	11.308	6936779	43.561 ug/ml
10) T n-Eicosane (C20)	12.612	6668424	42.146 ug/ml
11) T n-Heneicosane (C21)	13.219	6542046	41.487 ug/ml
13) T n-Docosane (C22)	13.802	6448431	41.424 ug/ml
14) T n-Tetracosane (C24)	14.898	12319194	81.907 ug/ml
15) T n-Hexacosane (C26)	15.916	6264107	43.259 ug/ml
16) T n-Octacosane (C28)	16.859	6432955	46.435 ug/ml
17) T n-Tricontane (C30)	17.743	5954827	43.775 ug/ml
18) T n-Dotriacontane (C32)	18.570	6048525	45.296 ug/ml
19) T n-Tetratriacontane (C34)	19.349	5929903	46.867 ug/ml
20) T n-Hexatriacontane (C36)	20.083	5923908	46.060 ug/mlm
21) T n-Octatriacontane (C38)	20.782	7349708	59.053 ug/mlm
22) T n-Tetracontane (C40)	21.559	9080422	70.437 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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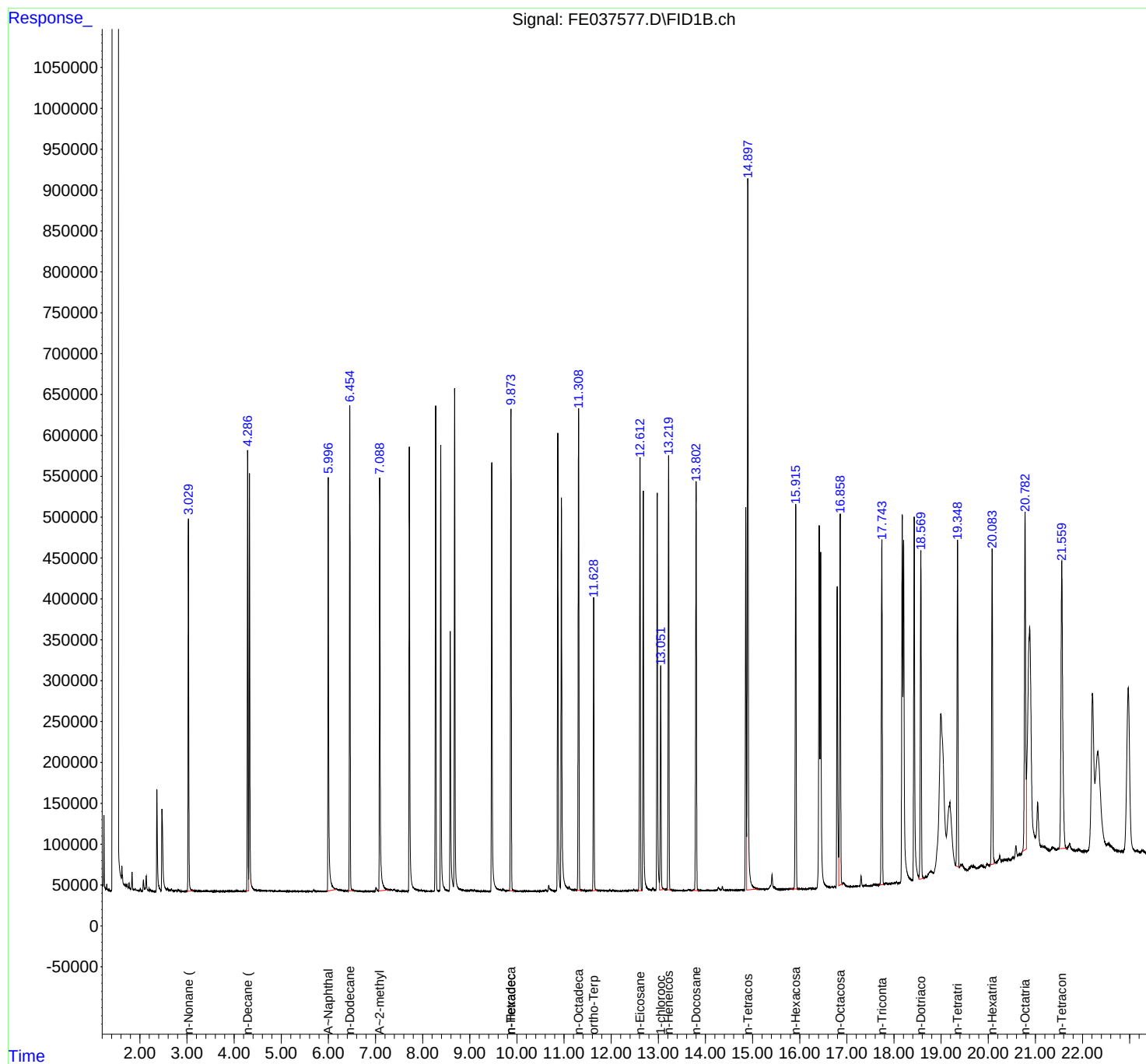
Instrument :
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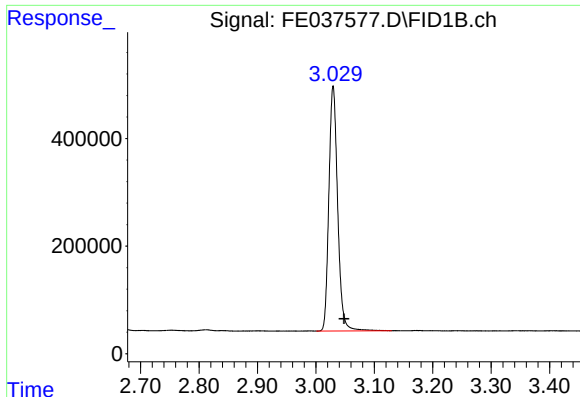
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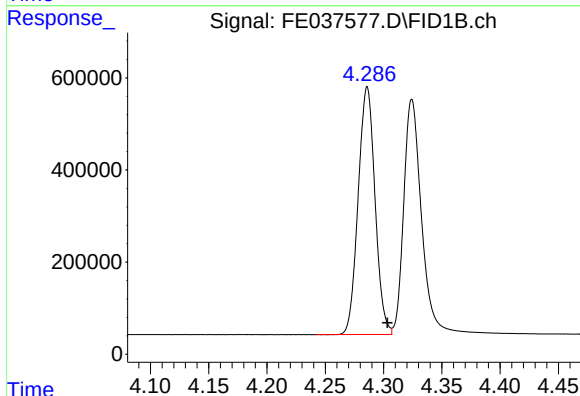
#1 n-Nonane (C9)

R.T.: 3.030 min
Delta R.T.: -0.018 min
Response: 4749048
Conc: 31.04 ug/ml

Instrument :
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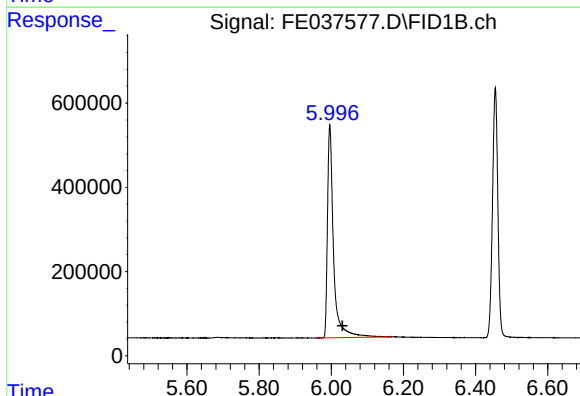
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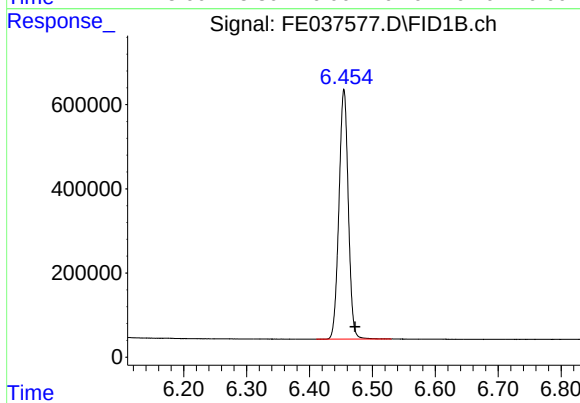
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.017 min
Response: 5410323
Conc: 35.09 ug/ml



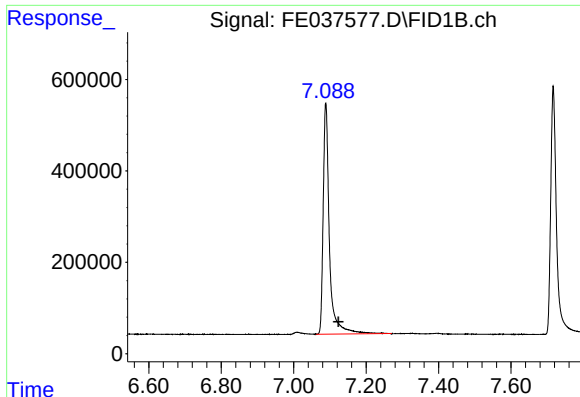
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.035 min
Response: 5911716
Conc: 41.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.018 min
Response: 6123432
Conc: 38.72 ug/ml



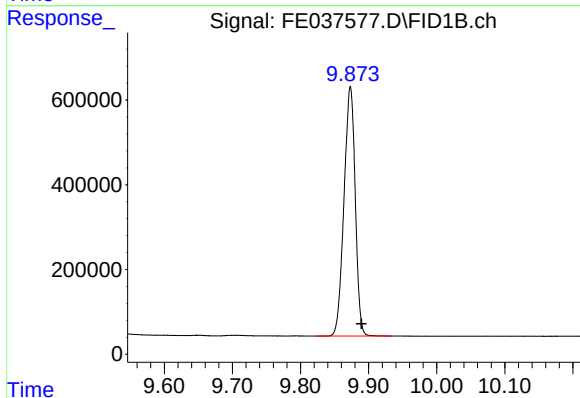
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.035 min
Response: 6060235
Conc: 43.41 ug/ml

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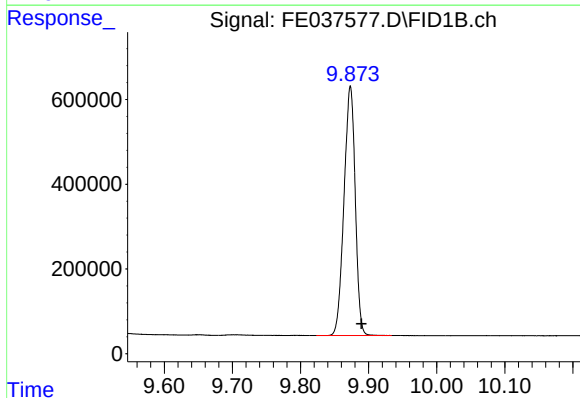
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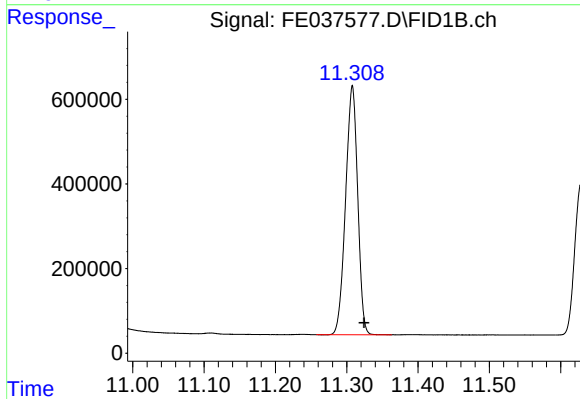
#6 n-Tetradecane (C14)

R.T.: 9.873 min
Delta R.T.: -0.016 min
Response: 6751027
Conc: 42.61 ug/ml



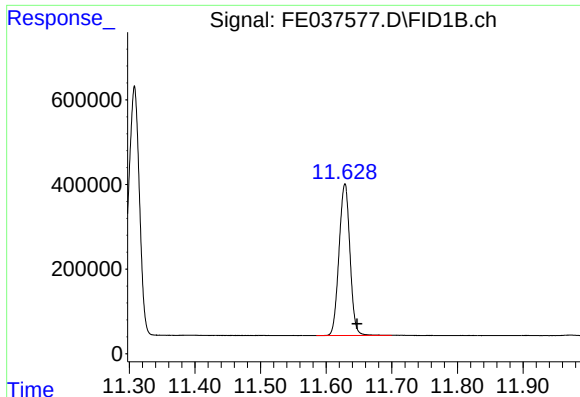
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.016 min
Response: 6751027
Conc: 42.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 6936779
Conc: 43.56 ug/ml



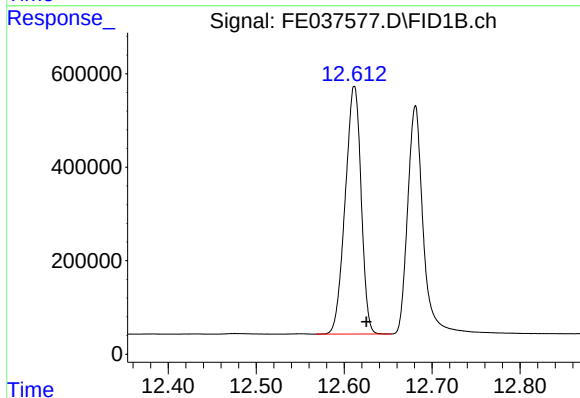
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.018 min
Response: 4138237
Conc: 24.49 ug/ml

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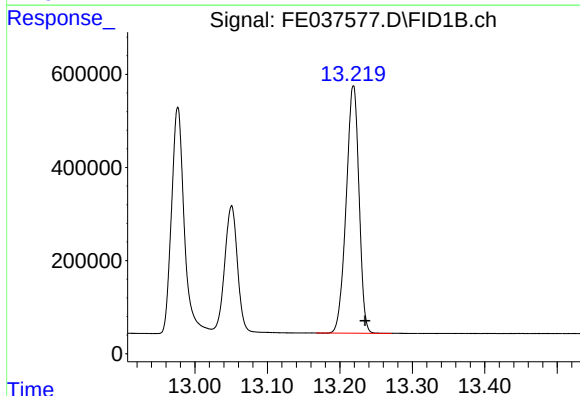
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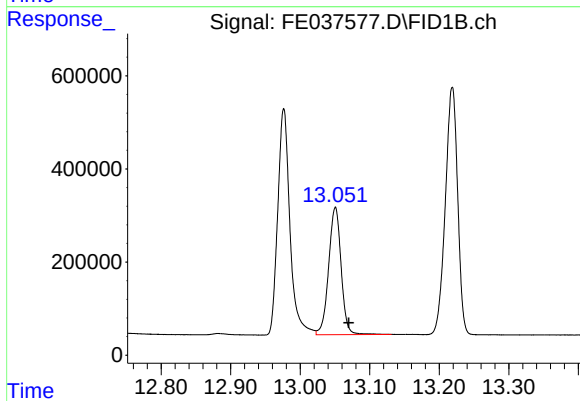
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.014 min
Response: 6668424
Conc: 42.15 ug/ml



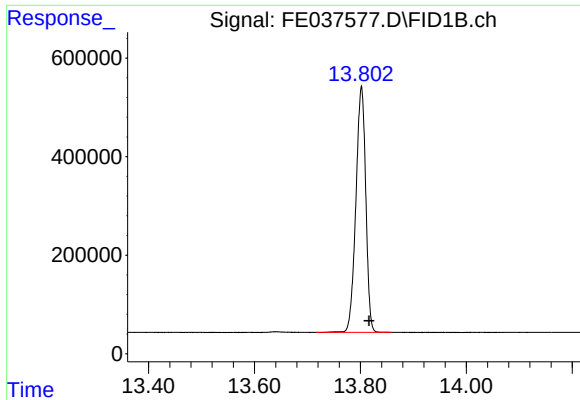
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.016 min
Response: 6542046
Conc: 41.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.019 min
Response: 3416801
Conc: 26.55 ug/ml



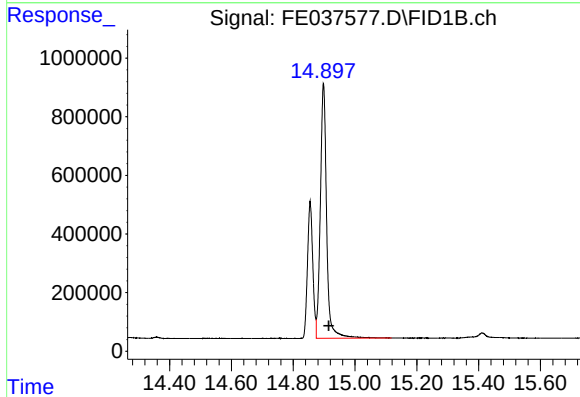
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.014 min
Response: 6448431
Conc: 41.42 ug/ml

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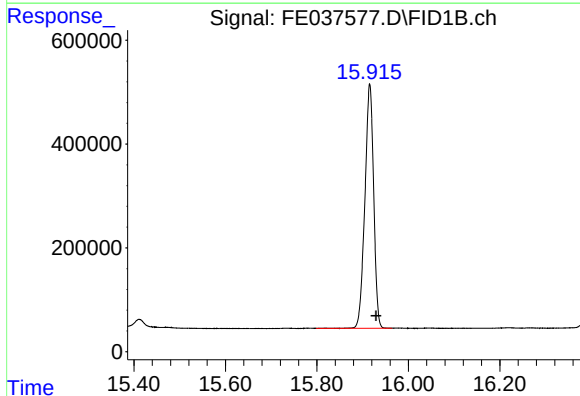
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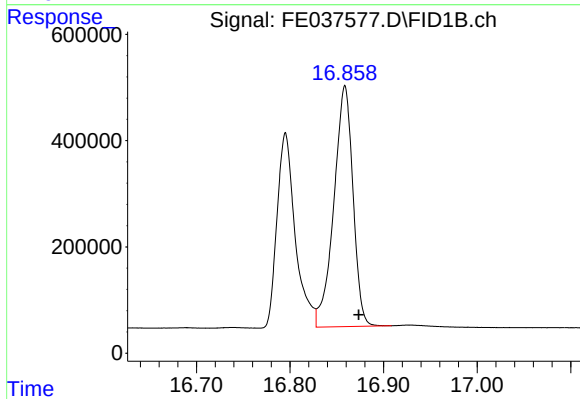
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.017 min
Response: 12319194
Conc: 81.91 ug/ml



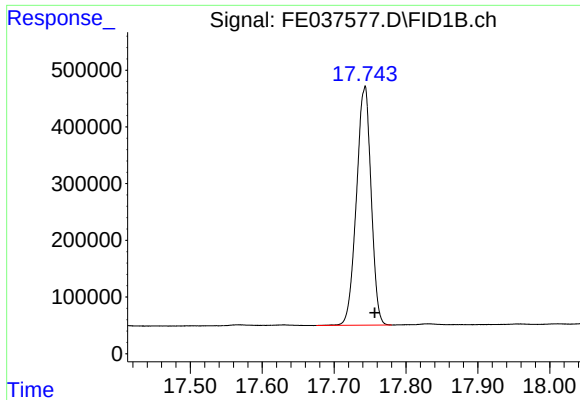
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.014 min
Response: 6264107
Conc: 43.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.015 min
Response: 6432955
Conc: 46.43 ug/ml



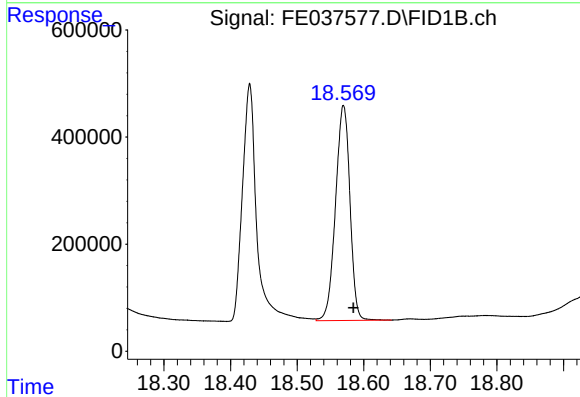
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 5954827
Conc: 43.78 ug/ml

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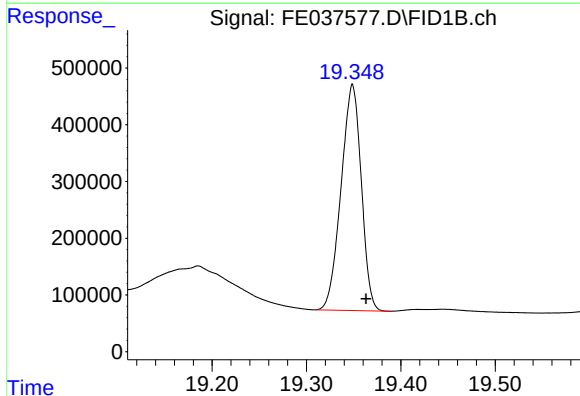
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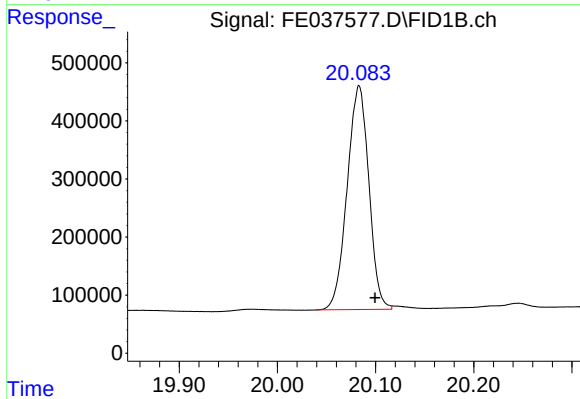
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.015 min
Response: 6048525
Conc: 45.30 ug/ml



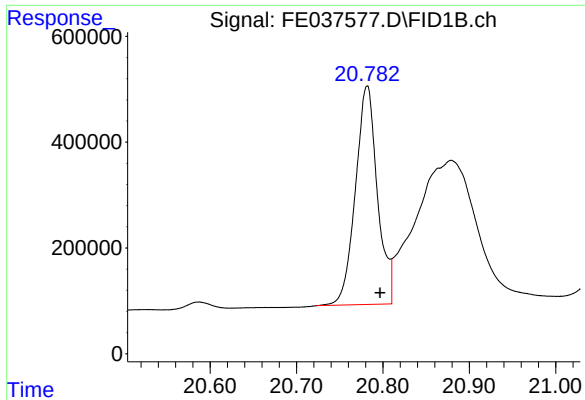
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.015 min
Response: 5929903
Conc: 46.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.017 min
Response: 5923908
Conc: 46.06 ug/ml m



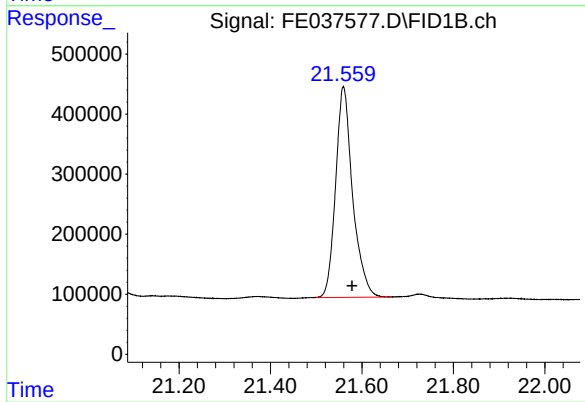
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.014 min
Response: 7349708
Conc: 59.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.019 min
Response: 9080422
Conc: 70.44 ug/ml m