

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
 Data File : FE046912.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 20:01
 Operator : YP\AJ
 Sample : P1575-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PTP-01-(0.5-1.0)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: sample.E
 Quant Time: Feb 23 00:35:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.798	5007957	30.481 ug/mlm
Spiked Amount 50.000		Recovery =	60.96%
12) S 1-chlorooctadecane (S...	13.239	4523129	36.744 ug/mlm
Spiked Amount 50.000		Recovery =	73.49%
Target Compounds			
1) T n-Nonane (C9)	3.185	3073980	20.158 ug/ml
2) T n-Decane (C10)	4.436	3975379	25.667 ug/ml
3) T A~Naphthalene (C11.7)	6.139	5411439	34.358 ug/ml
4) T n-Dodecane (C12)	6.603	5568449	35.814 ug/ml
5) T A~2-methylnaphthalene...	7.235	6065525	42.298 ug/ml
6) T n-Tetradecane (C14)	8.432	6752868	43.793 ug/mlm
7) T n-Hexadecane (C16)	10.039	7172518	45.205 ug/mlm
8) T n-Octadecane (C18)	11.487	7494461	47.011 ug/mlm
10) T n-Eicosane (C20)	12.797	7696716	50.848 ug/mlm
11) T n-Heneicosane (C21)	13.406	6971319	47.078 ug/mlm
13) T n-Docosane (C22)	13.992	7015588	48.219 ug/mlm
14) T n-Tetracosane (C24)	15.094	14854025	104.007 ug/ml
15) T n-Hexacosane (C26)	16.116	6751833	48.317 ug/ml
16) T n-Octacosane (C28)	17.066	8816966	64.717 ug/mlm
17) T n-Tricontane (C30)	17.952	6577731	47.146 ug/ml
18) T n-Dotriacontane (C32)	18.784	7187331	52.233 ug/mlm
19) T n-Tetratriacontane (C34)	19.568	6152521	45.800 ug/ml
20) T n-Hexatriacontane (C36)	20.310	5866359	44.054 ug/ml
21) T n-Octatriacontane (C38)	21.031	5992676	43.493 ug/ml
22) T n-Tetracontane (C40)	21.906	6106454	43.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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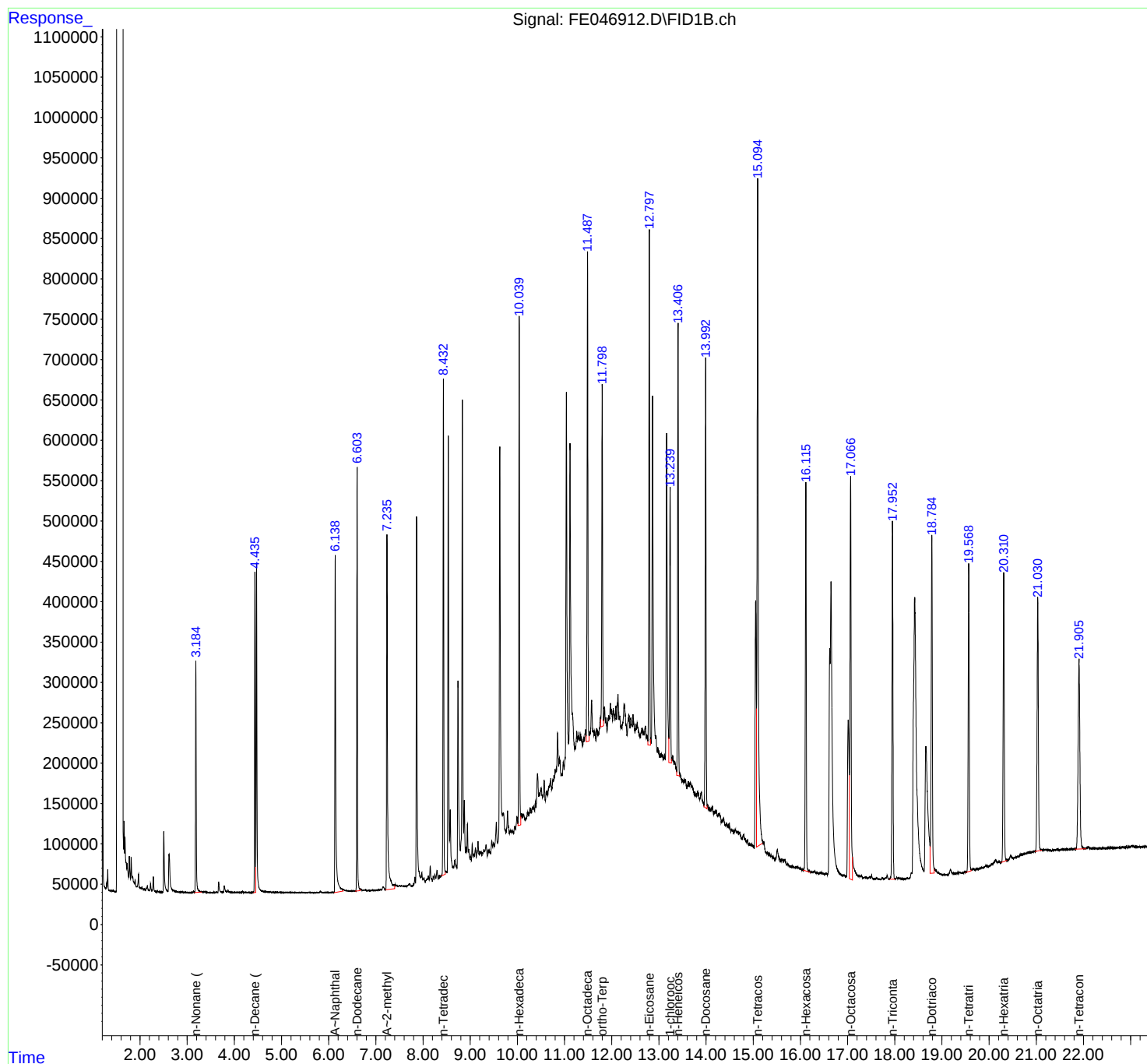
Instrument :
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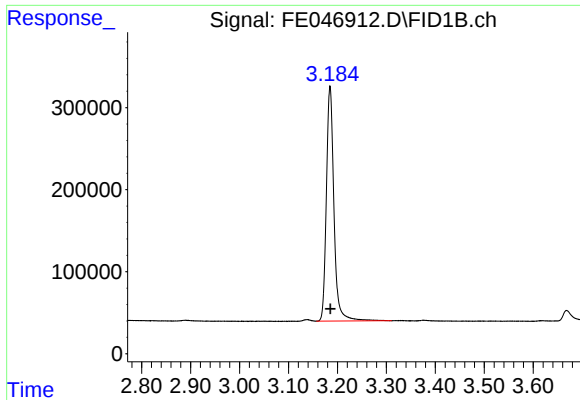
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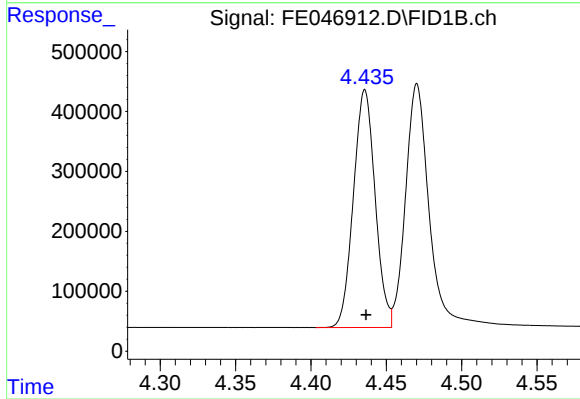
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.001 min
Response: 3073980
Conc: 20.16 ug/ml

Instrument :
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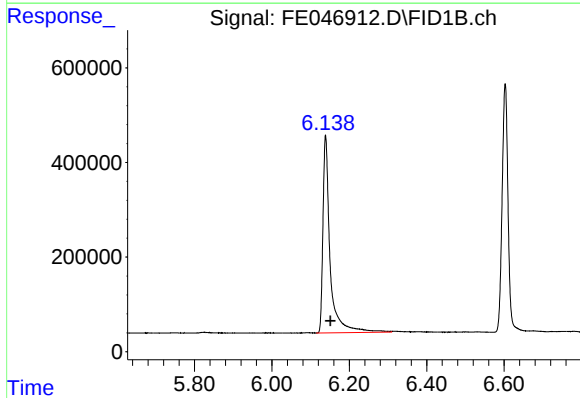
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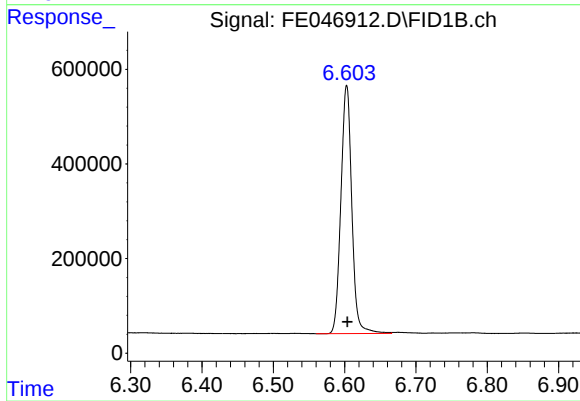
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3975379
Conc: 25.67 ug/ml



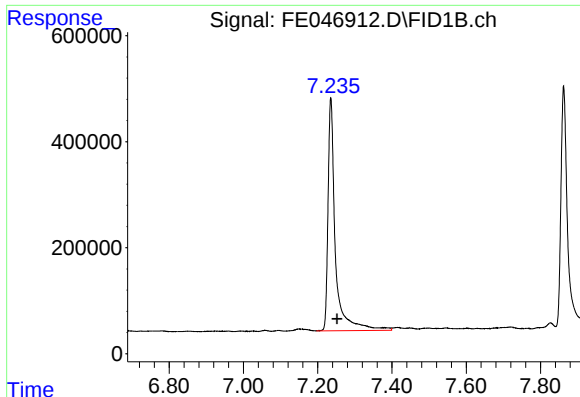
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.013 min
Response: 5411439
Conc: 34.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 5568449
Conc: 35.81 ug/ml



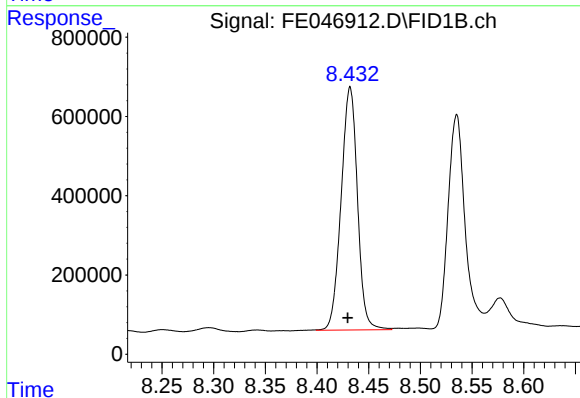
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: -0.017 min
Response: 6065525
Conc: 42.30 ug/ml

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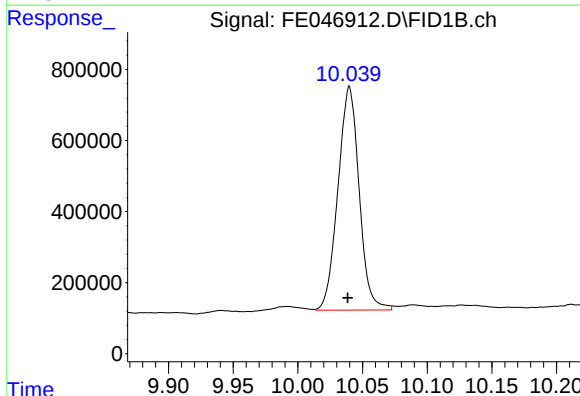
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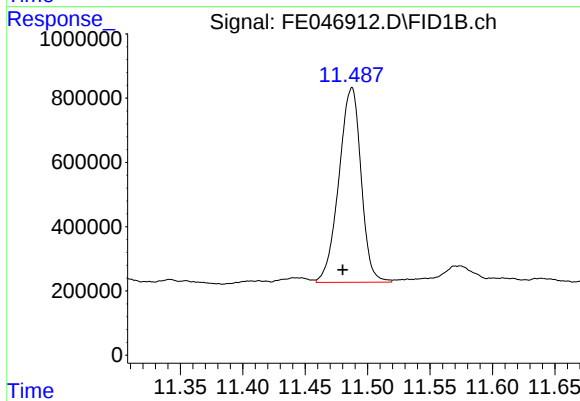
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 6752868
Conc: 43.79 ug/ml m



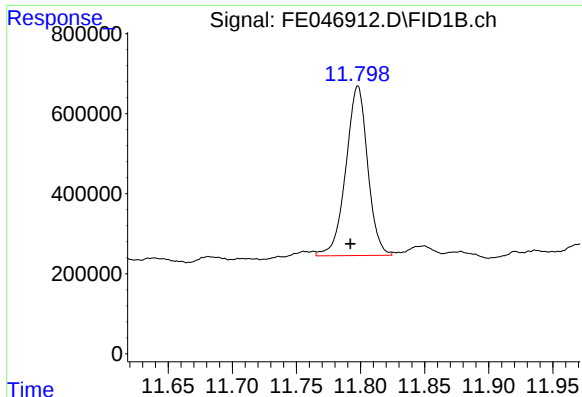
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 7172518
Conc: 45.21 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.487 min
Delta R.T.: 0.007 min
Response: 7494461
Conc: 47.01 ug/ml m



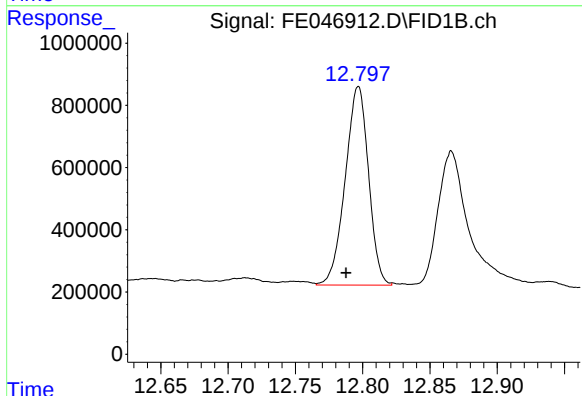
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: 0.005 min
Response: 5007957
Conc: 30.48 ug/ml

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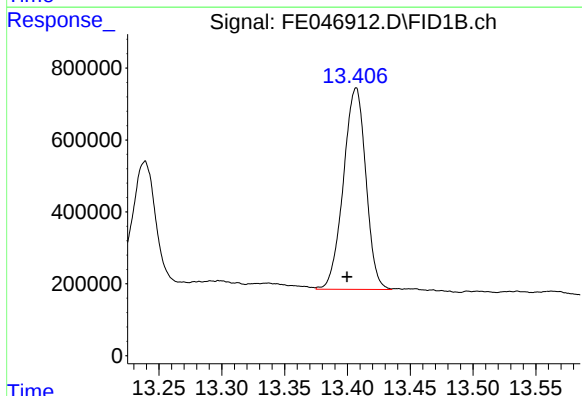
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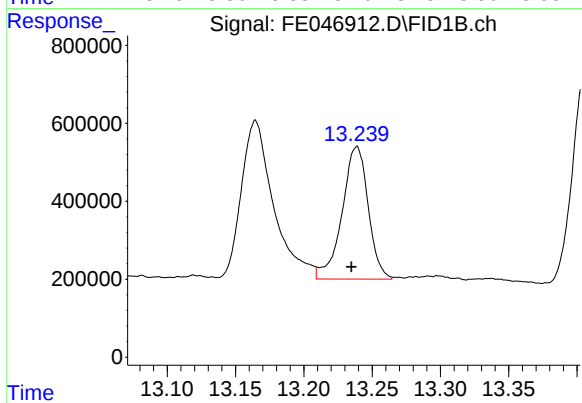
#10 n-Eicosane (C20)

R.T.: 12.797 min
Delta R.T.: 0.009 min
Response: 7696716
Conc: 50.85 ug/ml m



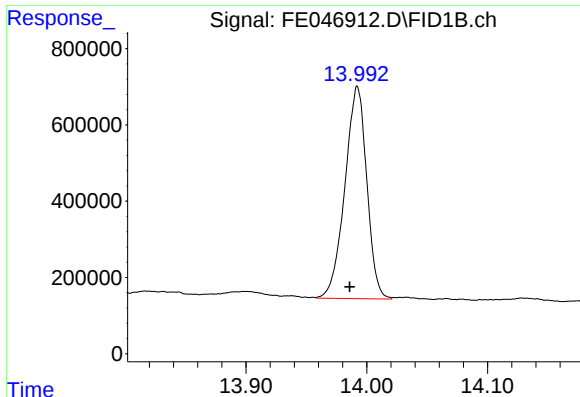
#11 n-Heneicosane (C21)

R.T.: 13.406 min
Delta R.T.: 0.007 min
Response: 6971319
Conc: 47.08 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.239 min
Delta R.T.: 0.004 min
Response: 4523129
Conc: 36.74 ug/ml m



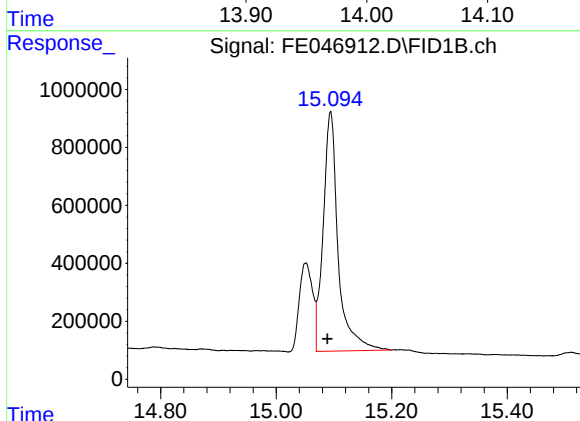
#13 n-Docosane (C22)

R.T.: 13.992 min
Delta R.T.: 0.006 min
Response: 7015588
Conc: 48.22 ug/ml

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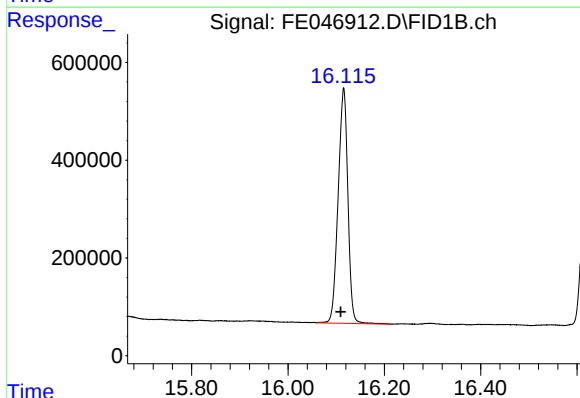
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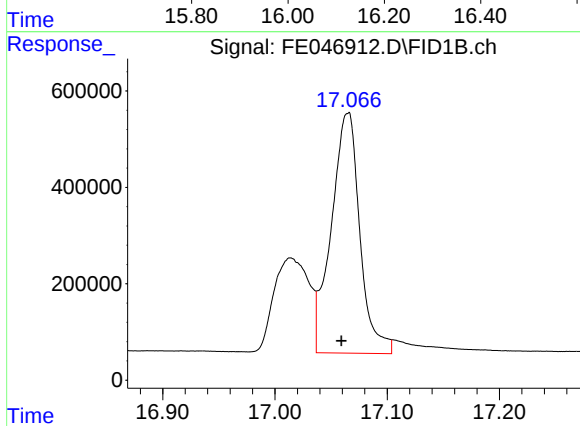
#14 n-Tetracosane (C24)

R.T.: 15.094 min
Delta R.T.: 0.005 min
Response: 14854025
Conc: 104.01 ug/ml



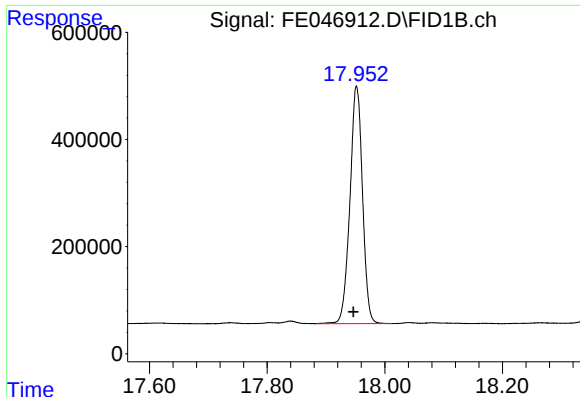
#15 n-Hexacosane (C26)

R.T.: 16.116 min
Delta R.T.: 0.007 min
Response: 6751833
Conc: 48.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: 0.007 min
Response: 8816966
Conc: 64.72 ug/ml m



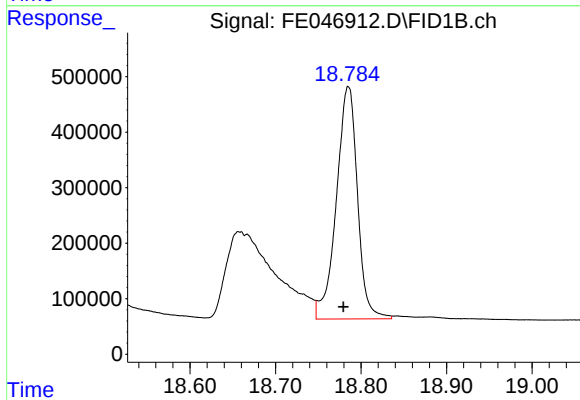
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: 0.005 min
Response: 6577731
Conc: 47.15 ug/ml

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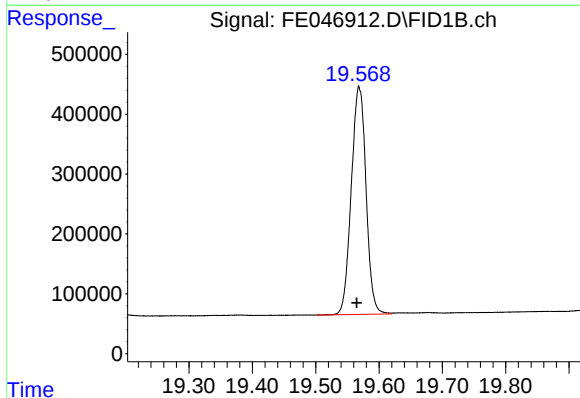
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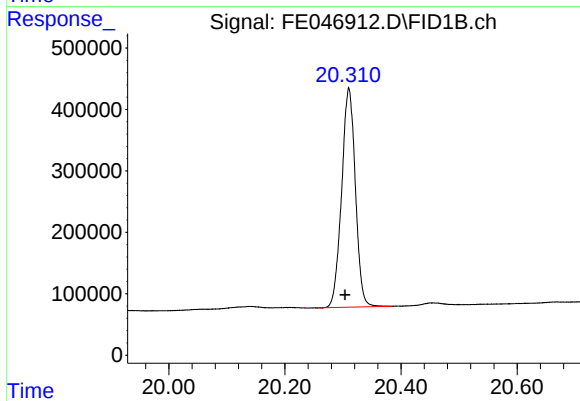
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 7187331
Conc: 52.23 ug/ml m



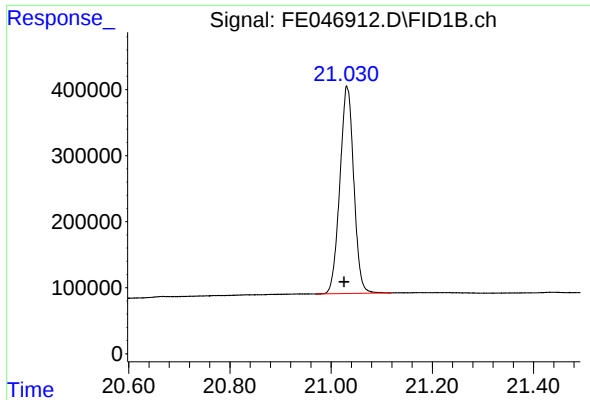
#19 n-Tetratriacontane (C34)

R.T.: 19.568 min
Delta R.T.: 0.004 min
Response: 6152521
Conc: 45.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.310 min
Delta R.T.: 0.007 min
Response: 5866359
Conc: 44.05 ug/ml



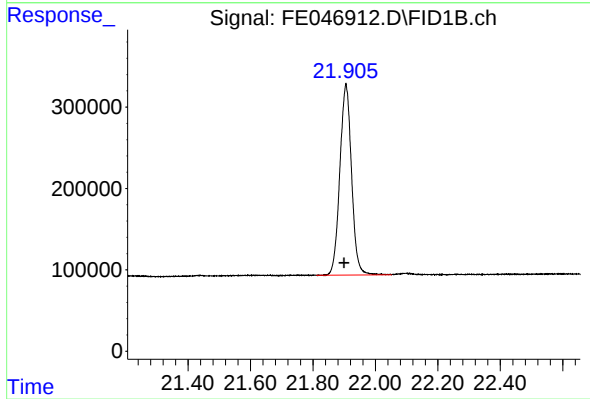
#21 n-Octatriacontane (C38)

R.T.: 21.031 min
Delta R.T.: 0.005 min
Response: 5992676
Conc: 43.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.006 min
Response: 6106454
Conc: 43.28 ug/ml