

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122823AL\
 Data File : FE046013.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2023 19:32
 Operator : YP\AJ
 Sample : 06035-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-5-122723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :Ankita Jodhani 12/29/2023

Integration File: autoint1.e
 Quant Time: Dec 28 23:53:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.845	4917550	23.516 ug/ml
Spiked Amount 50.000		Recovery =	47.03%
12) S 1-chlorooctadecane (S...	13.296	51363955	326.440 ug/ml
Spiked Amount 50.000		Recovery =	652.88%
Target Compounds			
1) T n-Nonane (C9)	3.229	4665187	29.419 ug/ml
2) T n-Decane (C10)	4.479	5384856	33.627 ug/mlm
3) T A~Naphthalene (C11.7)	6.181	6496068	37.292 ug/mlm
4) T n-Dodecane (C12)	6.647	6503367	40.261 ug/ml
5) T A~2-methylnaphthalene...	7.278	6997471	41.206 ug/ml
6) T n-Tetradecane (C14)	8.477	7931988	49.444 ug/ml
7) T n-Hexadecane (C16)	10.086	8608493	51.986 ug/ml
8) T n-Octadecane (C18)	11.532	8377982	48.866 ug/ml
10) T n-Eicosane (C20)	12.847	8240497	47.627 ug/ml
11) T n-Heneicosane (C21)	13.463	7691946	44.713 ug/ml
13) T n-Docosane (C22)	14.047	7551671	43.798 ug/ml
14) T n-Tetracosane (C24)	15.152	16307309	93.409 ug/ml
15) T n-Hexacosane (C26)	16.180	6833904	39.241 ug/mlm
16) T n-Octacosane (C28)	17.134	8253340	47.753 ug/ml
17) T n-Tricontane (C30)	18.027	7097482	40.569 ug/ml
18) T n-Dotriacontane (C32)	18.865	7832852	42.935 ug/ml
19) T n-Tetratriacontane (C34)	19.657	6746428	40.658 ug/mlm
20) T n-Hexatriacontane (C36)	20.399	6556665	41.305 ug/ml
21) T n-Octatriacontane (C38)	21.143	6747173	43.025 ug/mlm
22) T n-Tetracontane (C40)	22.058	6945179	48.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.

Quant Title : GC Extractables

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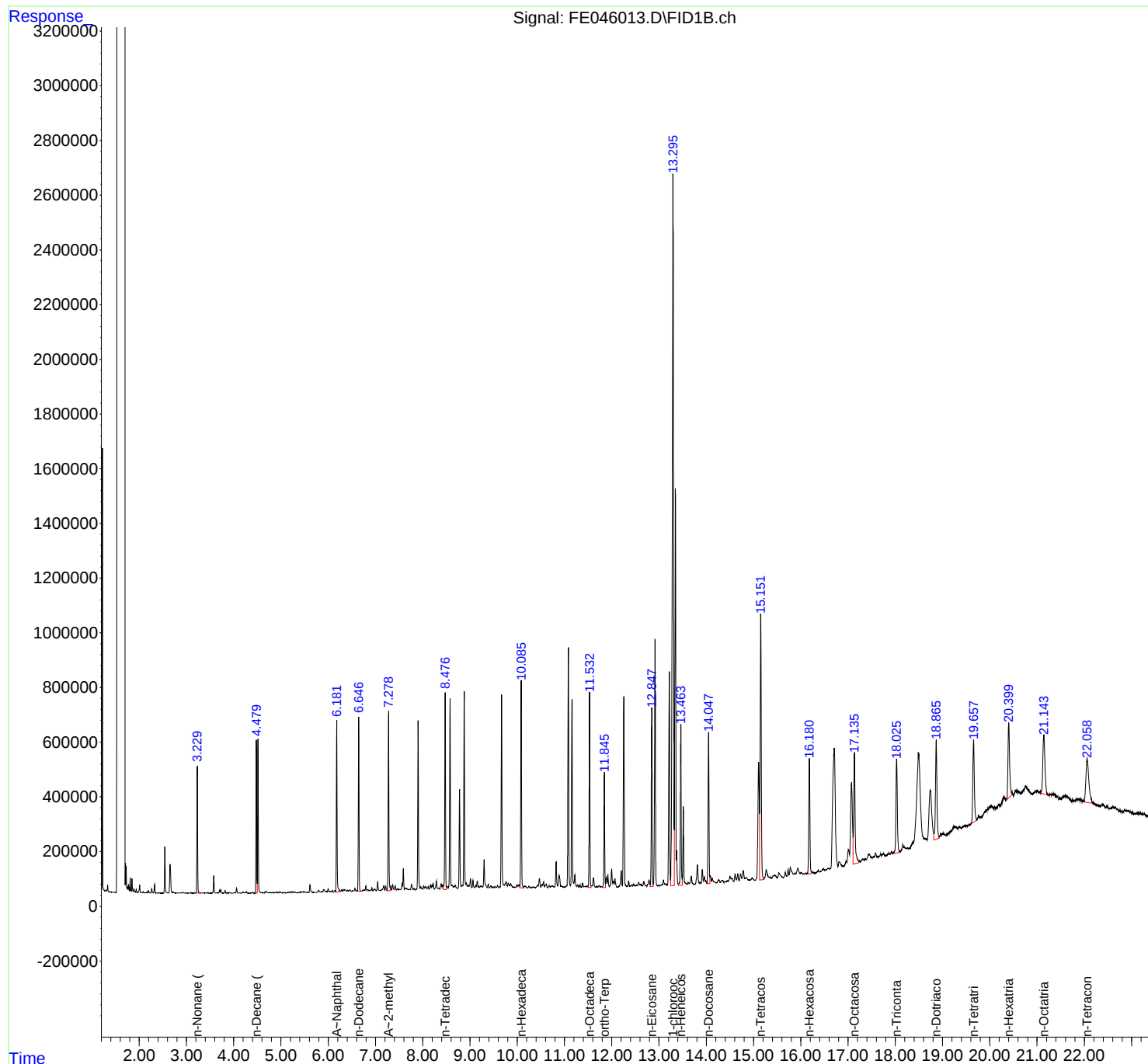
Response via : Initial Calibration

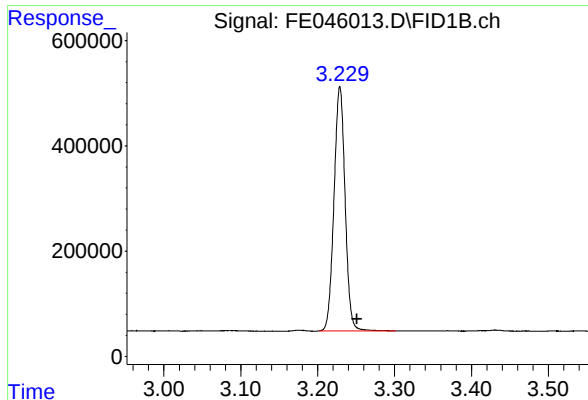
Integrator: ChemStation

Volume Inj. : 1 ul

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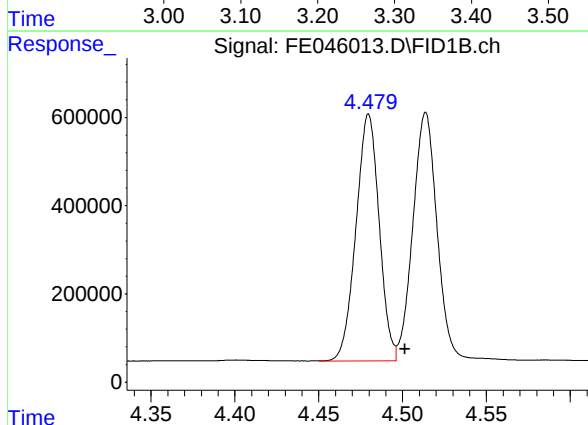
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.022 min
Response: 4665187
Conc: 29.42 ug/ml

Instrument :
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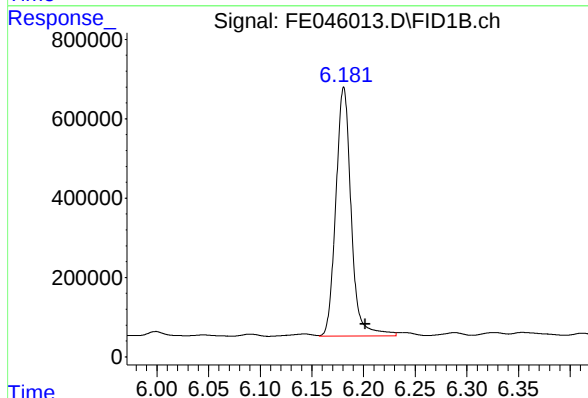
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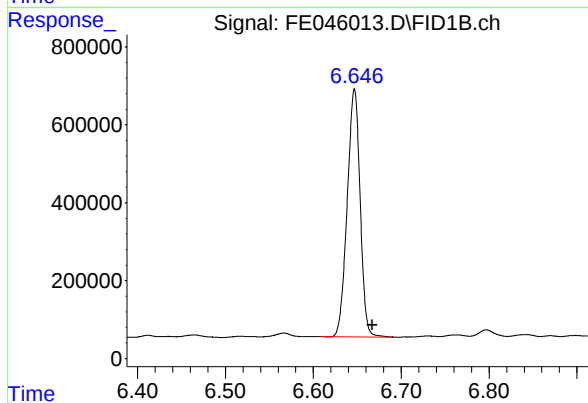
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 5384856
Conc: 33.63 ug/ml m



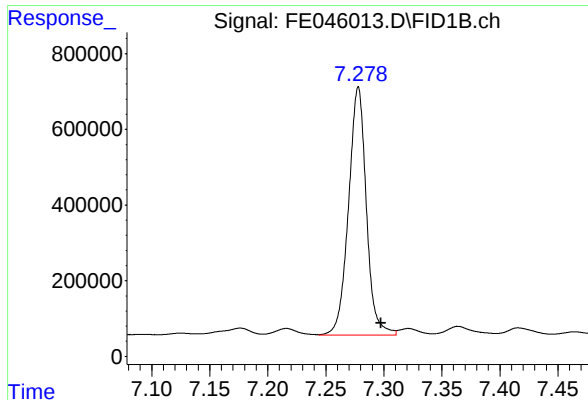
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.021 min
Response: 6496068
Conc: 37.29 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 6503367
Conc: 40.26 ug/ml



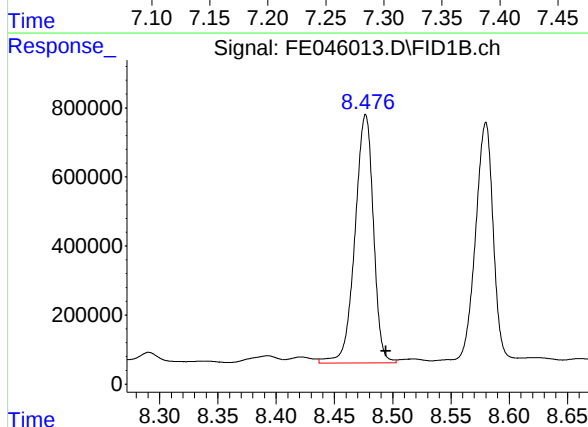
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.019 min
Response: 6997471
Conc: 41.21 ug/ml

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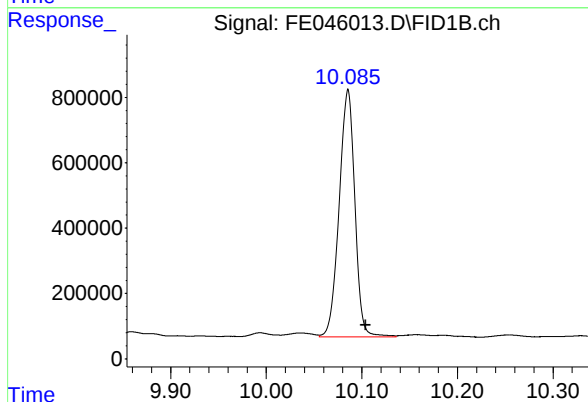
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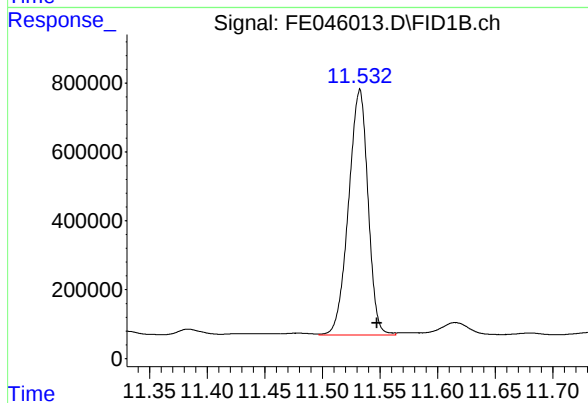
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.017 min
Response: 7931988
Conc: 49.44 ug/ml



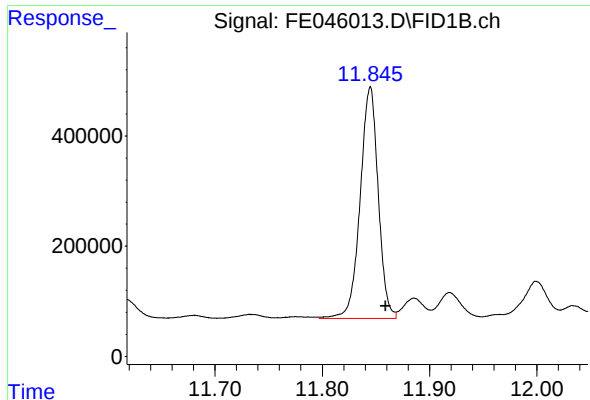
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.018 min
Response: 8608493
Conc: 51.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.015 min
Response: 8377982
Conc: 48.87 ug/ml



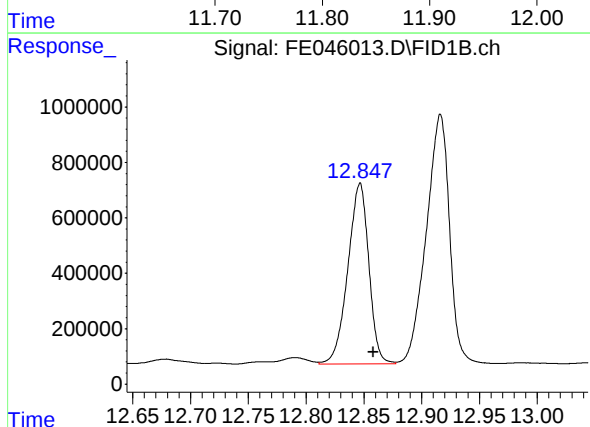
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.014 min
Response: 4917550
Conc: 23.52 ug/ml

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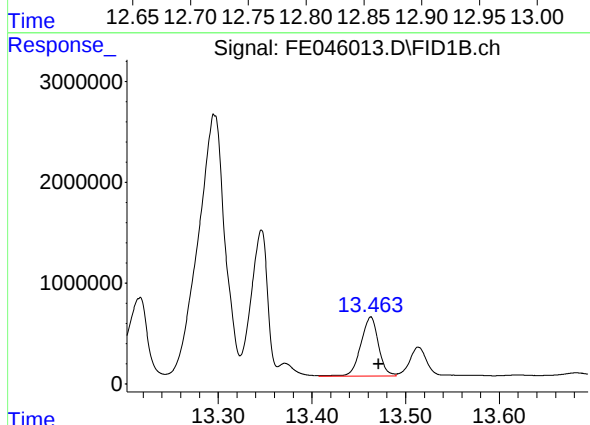
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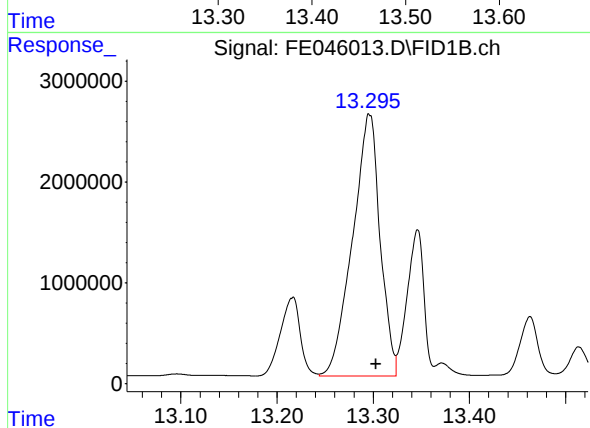
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.012 min
Response: 8240497
Conc: 47.63 ug/ml



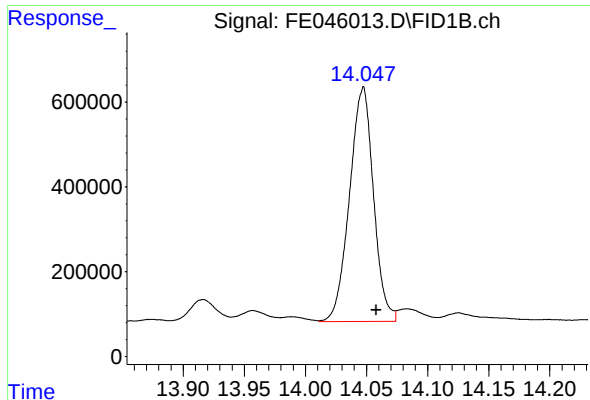
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.008 min
Response: 7691946
Conc: 44.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.007 min
Response: 51363955
Conc: 326.44 ug/ml



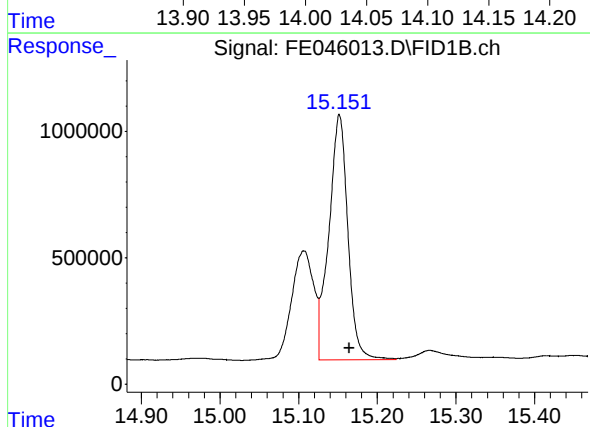
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.011 min
Response: 7551671
Conc: 43.80 ug/ml

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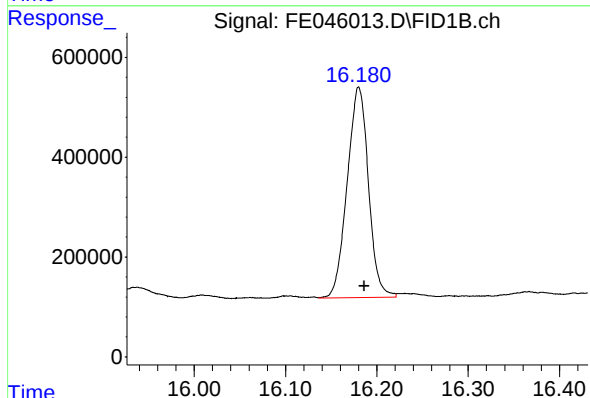
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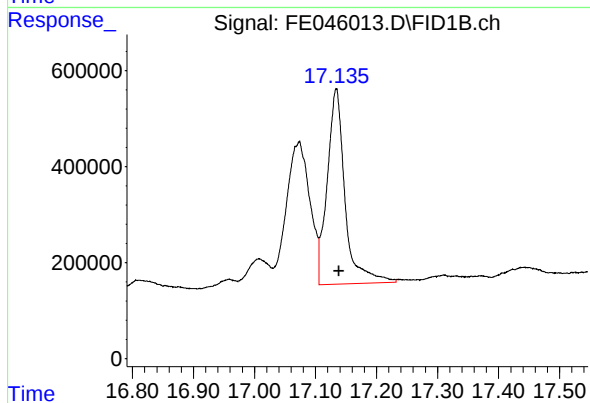
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.012 min
Response: 16307309
Conc: 93.41 ug/ml



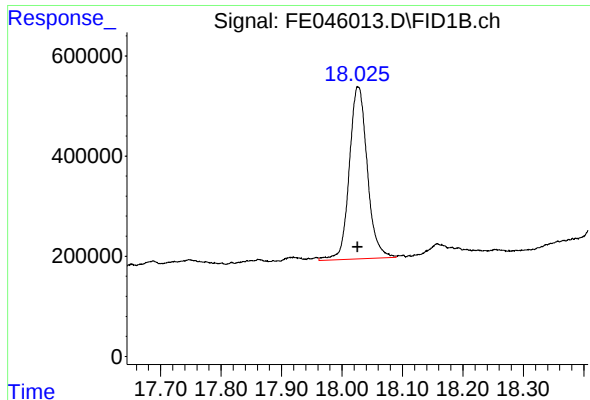
#15 n-Hexacosane (C26)

R.T.: 16.180 min
Delta R.T.: -0.006 min
Response: 6833904
Conc: 39.24 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.004 min
Response: 8253340
Conc: 47.75 ug/ml



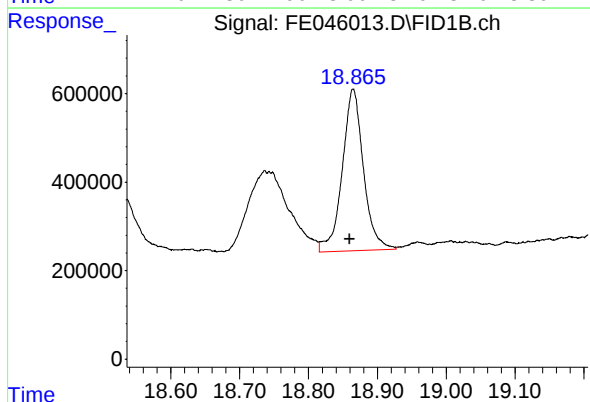
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 7097482
Conc: 40.57 ug/ml

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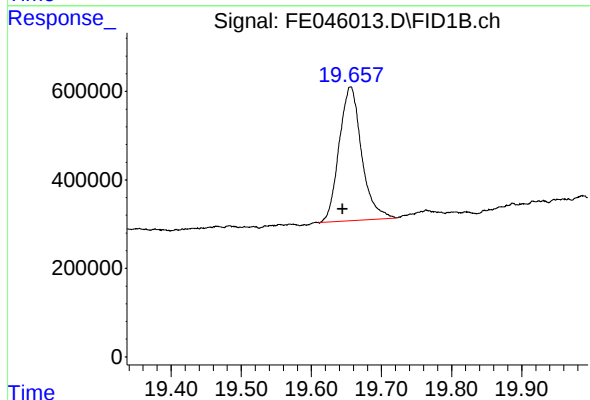
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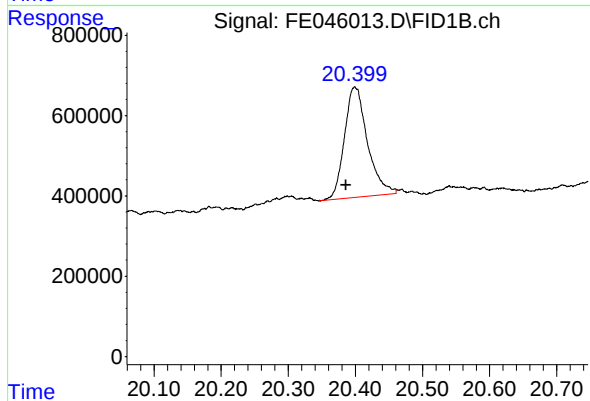
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.005 min
Response: 7832852
Conc: 42.93 ug/ml



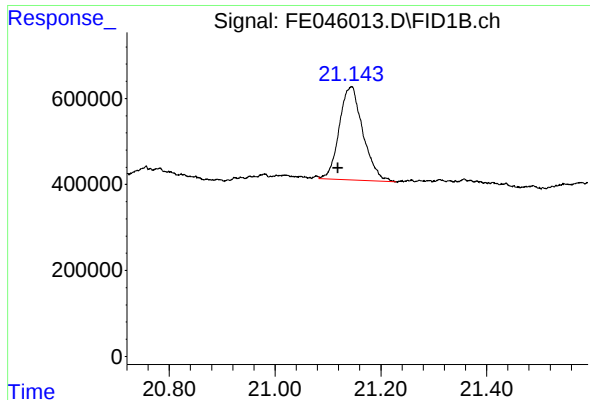
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.012 min
Response: 6746428
Conc: 40.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: 0.013 min
Response: 6556665
Conc: 41.31 ug/ml



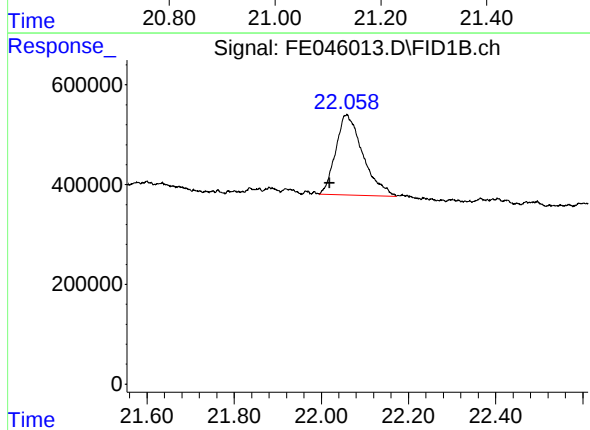
#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.024 min
Response: 6747173
Conc: 43.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: 0.039 min
Response: 6945179
Conc: 48.87 ug/ml m