

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054914.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 21:25
 Operator : YP\AJ
 Sample : Q2622-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 2819MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e
 Quant Time: Jul 18 01:11:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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			
Target Compounds			
1) T n-Nonane (C9)	3.425	2805151	20.855 ug/ml
2) T n-Decane (C10)	4.685	3261886	23.905 ug/ml
3) T A~Naphthalene (C11.7)	6.406	4421196	29.200 ug/ml
4) T n-Dodecane (C12)	6.863	4831111	35.210 ug/ml
5) T A~2-methylnaphthalene...	7.511	5078825	34.549 ug/ml
6) T n-Tetradecane (C14)	8.718	6131492	44.230 ug/mlm
7) T n-Hexadecane (C16)	10.263	255249	1.791 ug/mlm
8) T n-Octadecane (C18)	11.759	55414	0.378 ug/mlm
10) T n-Eicosane (C20)	13.083	1106097	7.692 ug/mlm
11) T n-Heneicosane (C21)	13.688	1544941	10.816 ug/mlm
13) T n-Docosane (C22)	14.278	6759017	47.336 ug/mlm
14) T n-Tetracosane (C24)	15.426	5958439	40.990 ug/mlm
15) T n-Hexacosane (C26)	16.447	3737682	25.828 ug/mlm
16) T n-Octacosane (C28)	17.386	4057679	27.842 ug/mlm
17) T n-Tricontane (C30)	18.267	4523177	28.703 ug/ml
18) T n-Dotriacontane (C32)	19.095	4618618	28.548 ug/ml
19) T n-Tetratriacontane (C34)	19.878	4859119	31.886 ug/ml
20) T n-Hexatriacontane (C36)	20.617	4157562	30.921 ug/ml
21) T n-Octatriacontane (C38)	21.401	4754196	40.536 ug/ml
22) T n-Tetracontane (C40)	22.399	4574751	42.209 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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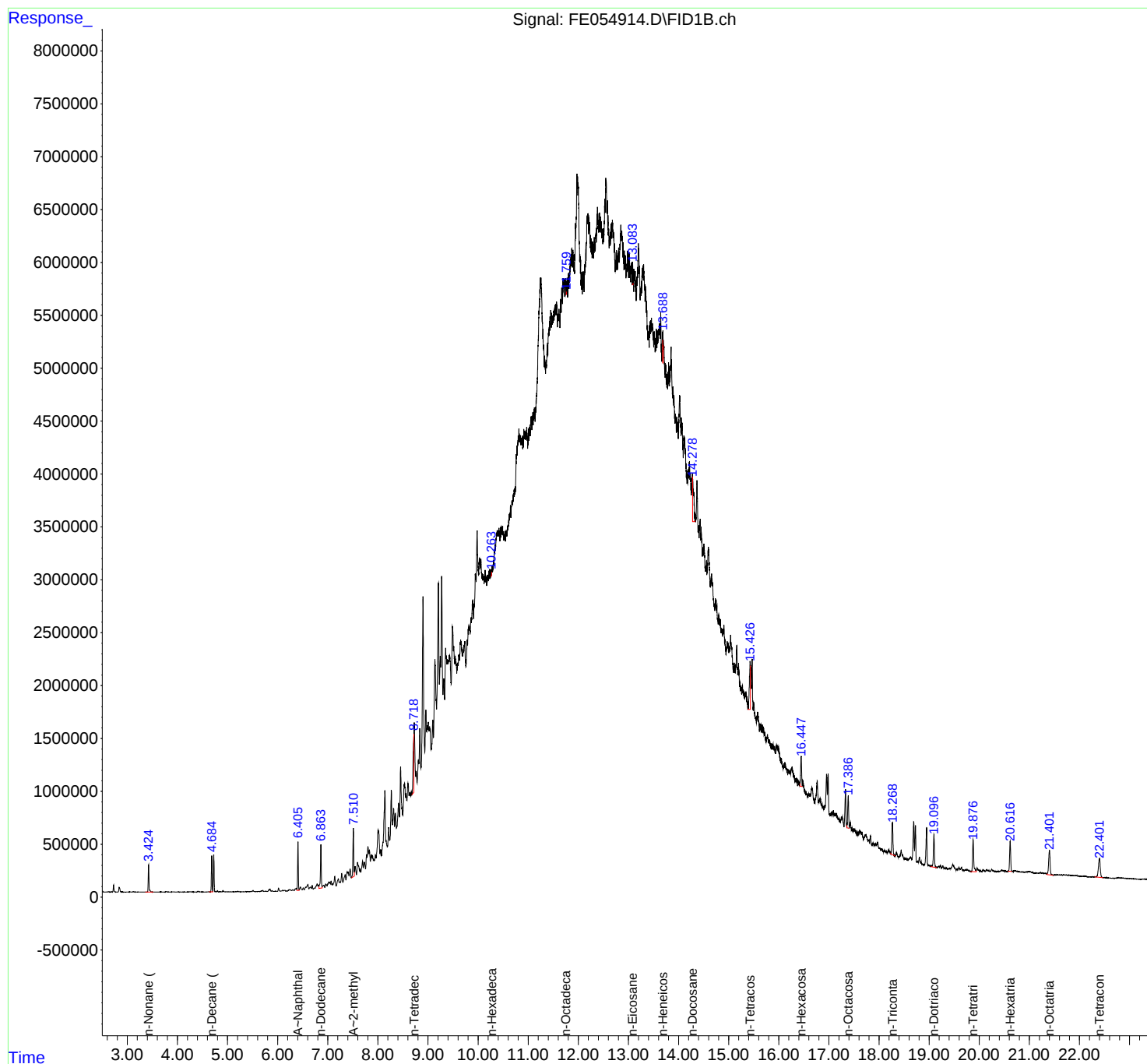
Instrument :
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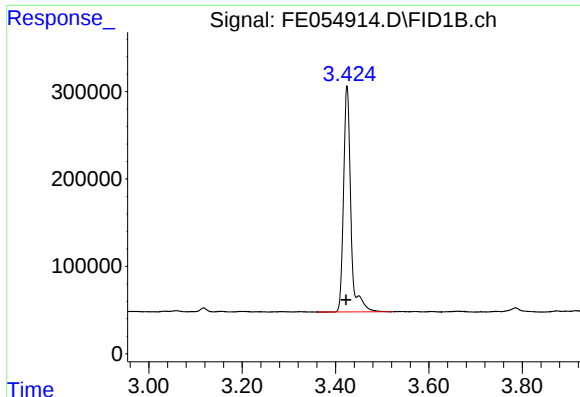
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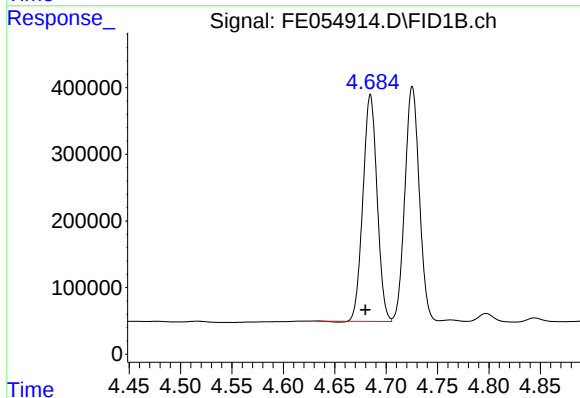
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2805151
Conc: 20.85 ug/ml

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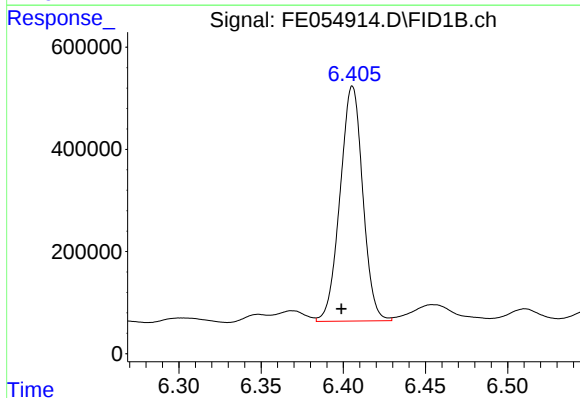
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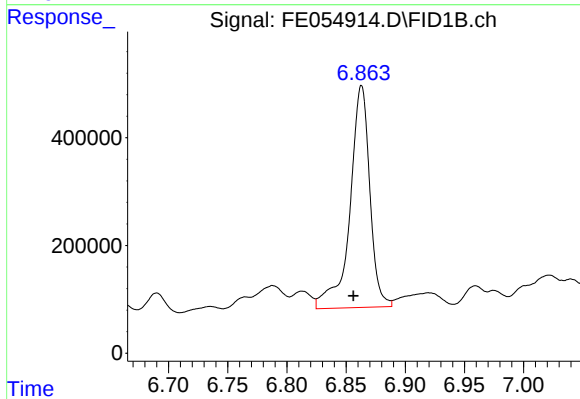
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 3261886
Conc: 23.91 ug/ml



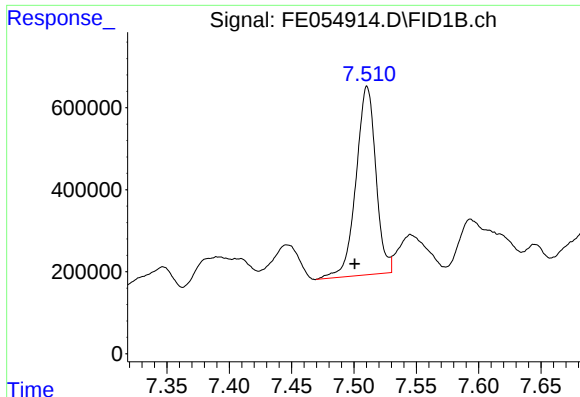
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 4421196
Conc: 29.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.863 min
Delta R.T.: 0.007 min
Response: 4831111
Conc: 35.21 ug/ml



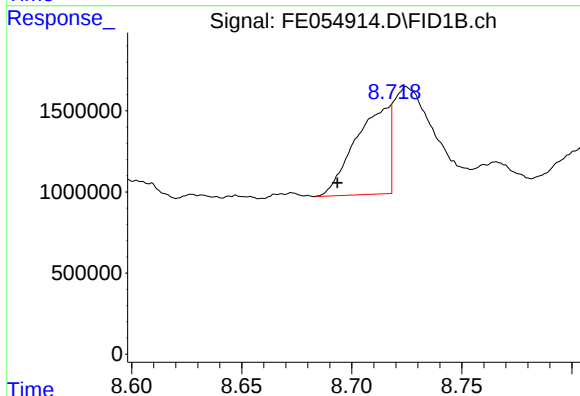
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.511 min
Delta R.T.: 0.010 min
Response: 5078825
Conc: 34.55 ug/ml

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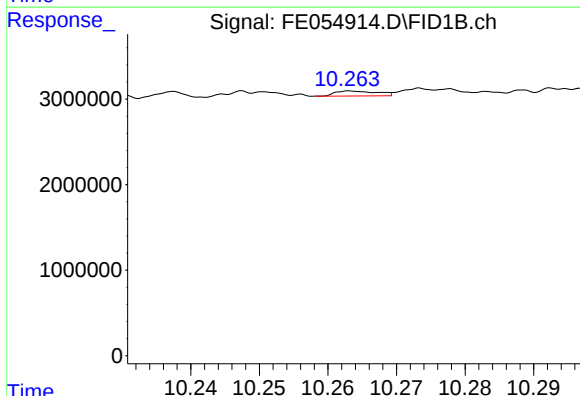
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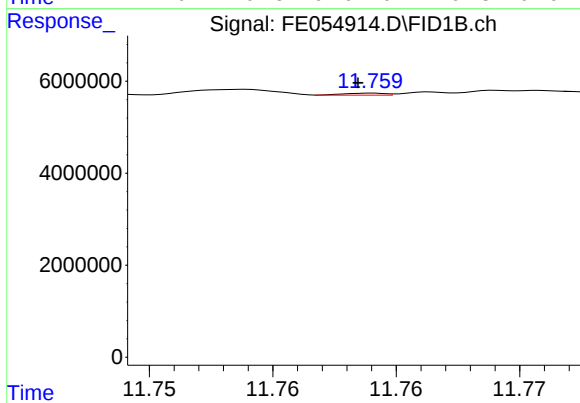
#6 n-Tetradecane (C14)

R.T.: 8.718 min
Delta R.T.: 0.025 min
Response: 6131492
Conc: 44.23 ug/ml m



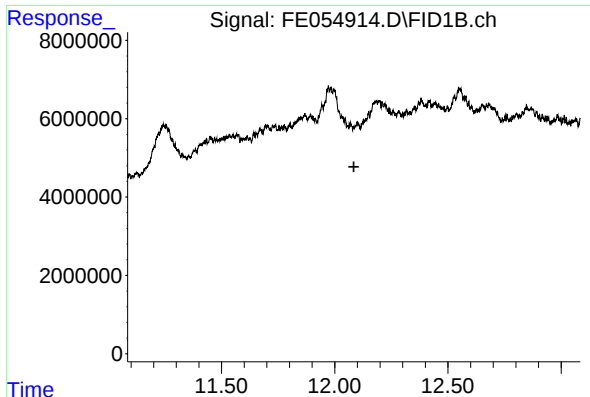
#7 n-Hexadecane (C16)

R.T.: 10.263 min
Delta R.T.: -0.046 min
Response: 255249
Conc: 1.79 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 55414
Conc: 0.38 ug/ml m



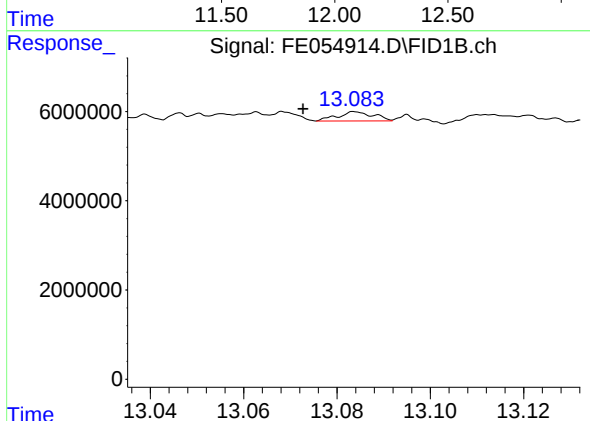
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.085 min
Response: 0
Conc: N.D.

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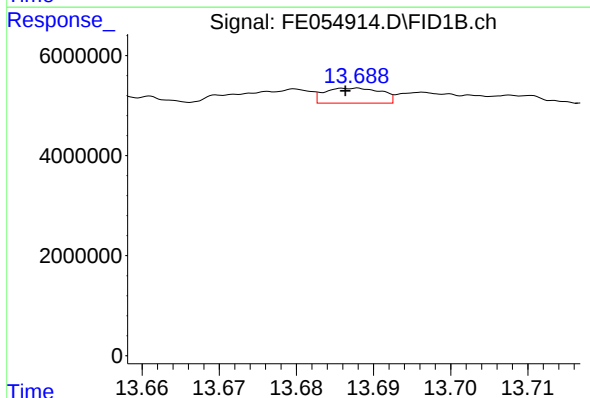
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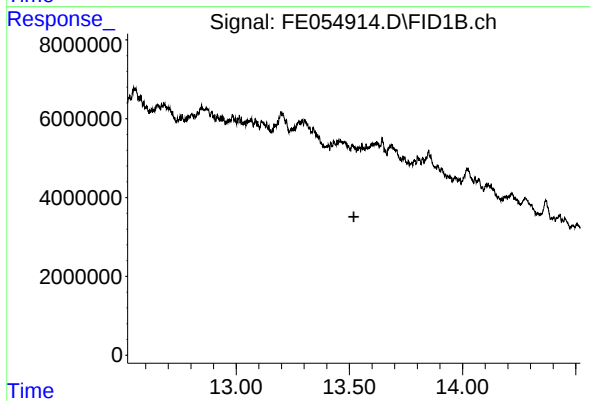
#10 n-Eicosane (C20)

R.T.: 13.083 min
Delta R.T.: 0.010 min
Response: 1106097
Conc: 7.69 ug/ml m



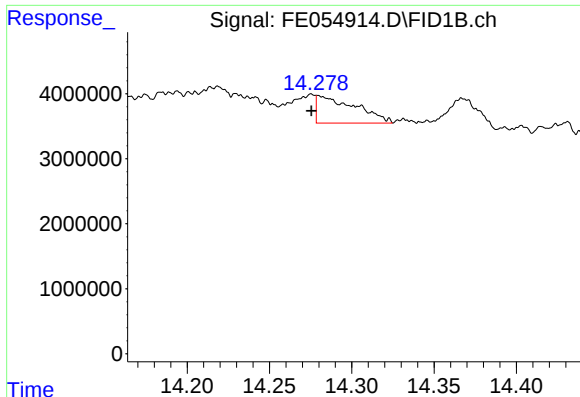
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 1544941
Conc: 10.82 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.520 min
Response: 0
Conc: N.D.



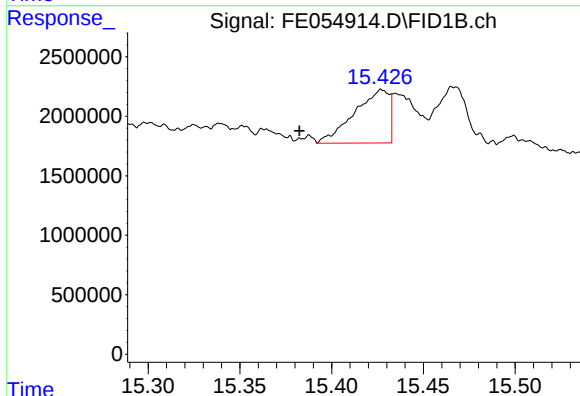
#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 6759017
Conc: 47.34 ug/ml

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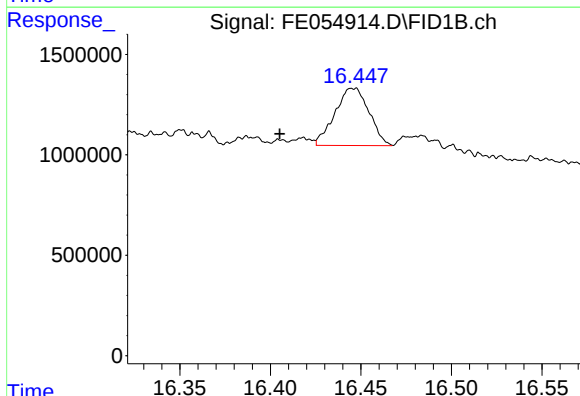
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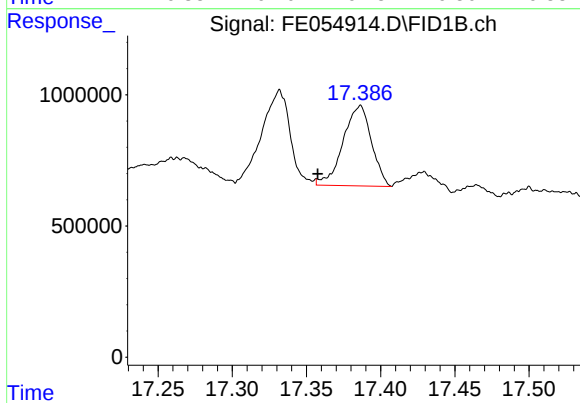
#14 n-Tetracosane (C24)

R.T.: 15.426 min
Delta R.T.: 0.044 min
Response: 5958439
Conc: 40.99 ug/ml m



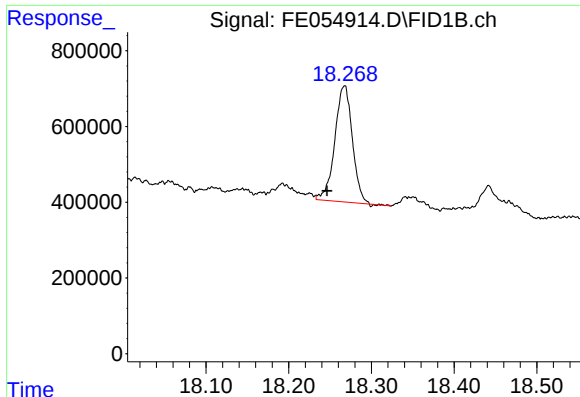
#15 n-Hexacosane (C26)

R.T.: 16.447 min
Delta R.T.: 0.042 min
Response: 3737682
Conc: 25.83 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.386 min
Delta R.T.: 0.029 min
Response: 4057679
Conc: 27.84 ug/ml m



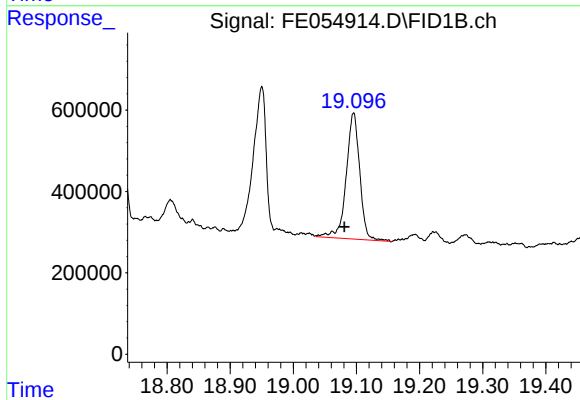
#17 n-Tricontane (C30)

R.T.: 18.267 min
Delta R.T.: 0.021 min
Response: 4523177
Conc: 28.70 ug/ml

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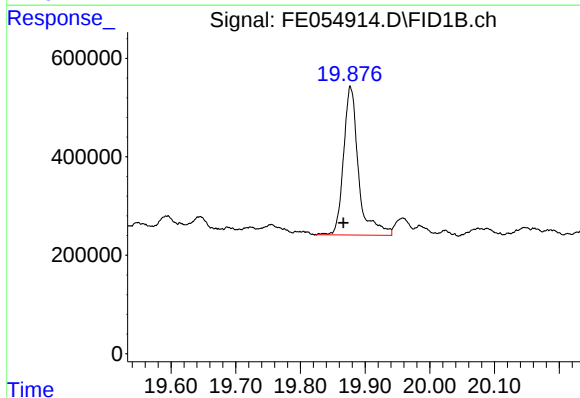
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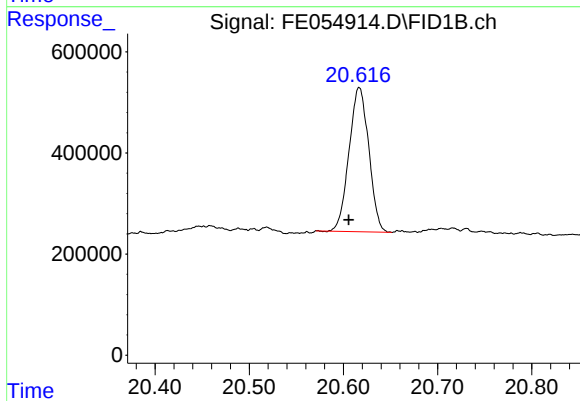
#18 n-Dotriacontane (C32)

R.T.: 19.095 min
Delta R.T.: 0.015 min
Response: 4618618
Conc: 28.55 ug/ml



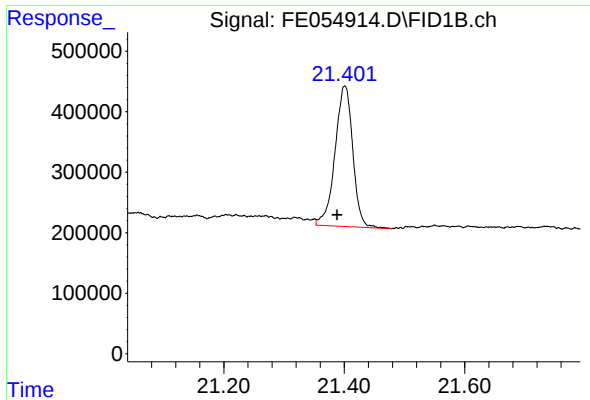
#19 n-Tetratriacontane (C34)

R.T.: 19.878 min
Delta R.T.: 0.011 min
Response: 4859119
Conc: 31.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.617 min
Delta R.T.: 0.011 min
Response: 4157562
Conc: 30.92 ug/ml



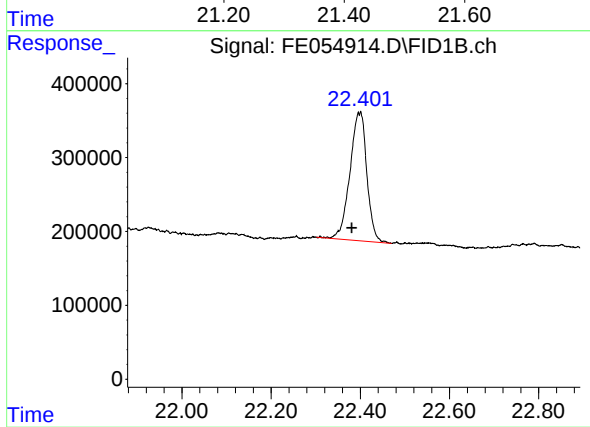
#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.013 min
Response: 4754196
Conc: 40.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.399 min
Delta R.T.: 0.018 min
Response: 4574751
Conc: 42.21 ug/ml