

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049596.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 14:59
 Operator : YP\AJ
 Sample : PB162718BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162718BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :Ankita Jodhani 08/15/2024

Integration File: autoint1.e
 Quant Time: Aug 15 03:49:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.890	7177697	44.386 ug/ml
Spiked Amount 50.000		Recovery =	88.77%
12) S 1-chlorooctadecane (S...	13.324	5544027	45.440 ug/ml
Spiked Amount 50.000		Recovery =	90.88%
Target Compounds			
1) T n-Nonane (C9)	3.287	6067447	39.207 ug/ml
2) T n-Decane (C10)	4.533	6483409	41.063 ug/ml
3) T A~Naphthalene (C11.7)	6.235	6693198	41.714 ug/ml
4) T n-Dodecane (C12)	6.697	6719500	42.742 ug/ml
5) T A~2-methylnaphthalene...	7.331	6417688	42.855 ug/ml
6) T n-Tetradecane (C14)	8.525	6687617	43.319 ug/ml
7) T n-Hexadecane (C16)	10.129	6548989	41.932 ug/ml
8) T n-Octadecane (C18)	11.572	6600747	42.029 ug/ml
10) T n-Eicosane (C20)	12.880	6580408	44.073 ug/ml
11) T n-Heneicosane (C21)	13.491	6399648	43.625 ug/ml
13) T n-Docosane (C22)	14.076	6318689	43.352 ug/ml
14) T n-Tetracosane (C24)	15.172	11892296	81.753 ug/ml
15) T n-Hexacosane (C26)	16.198	6206058	43.001 ug/ml
16) T n-Octacosane (C28)	17.146	6750976	46.869 ug/ml
17) T n-Tricontane (C30)	18.033	6344151	42.378 ug/ml
18) T n-Dotriacontane (C32)	18.863	6320727	41.781 ug/ml
19) T n-Tetratriacontane (C34)	19.646	6709058	43.884 ug/ml
20) T n-Hexatriacontane (C36)	20.386	6695264	44.090 ug/ml
21) T n-Octatriacontane (C38)	21.114	6965605	44.380 ug/ml
22) T n-Tetracontane (C40)	22.011	6907899	45.245 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162718BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

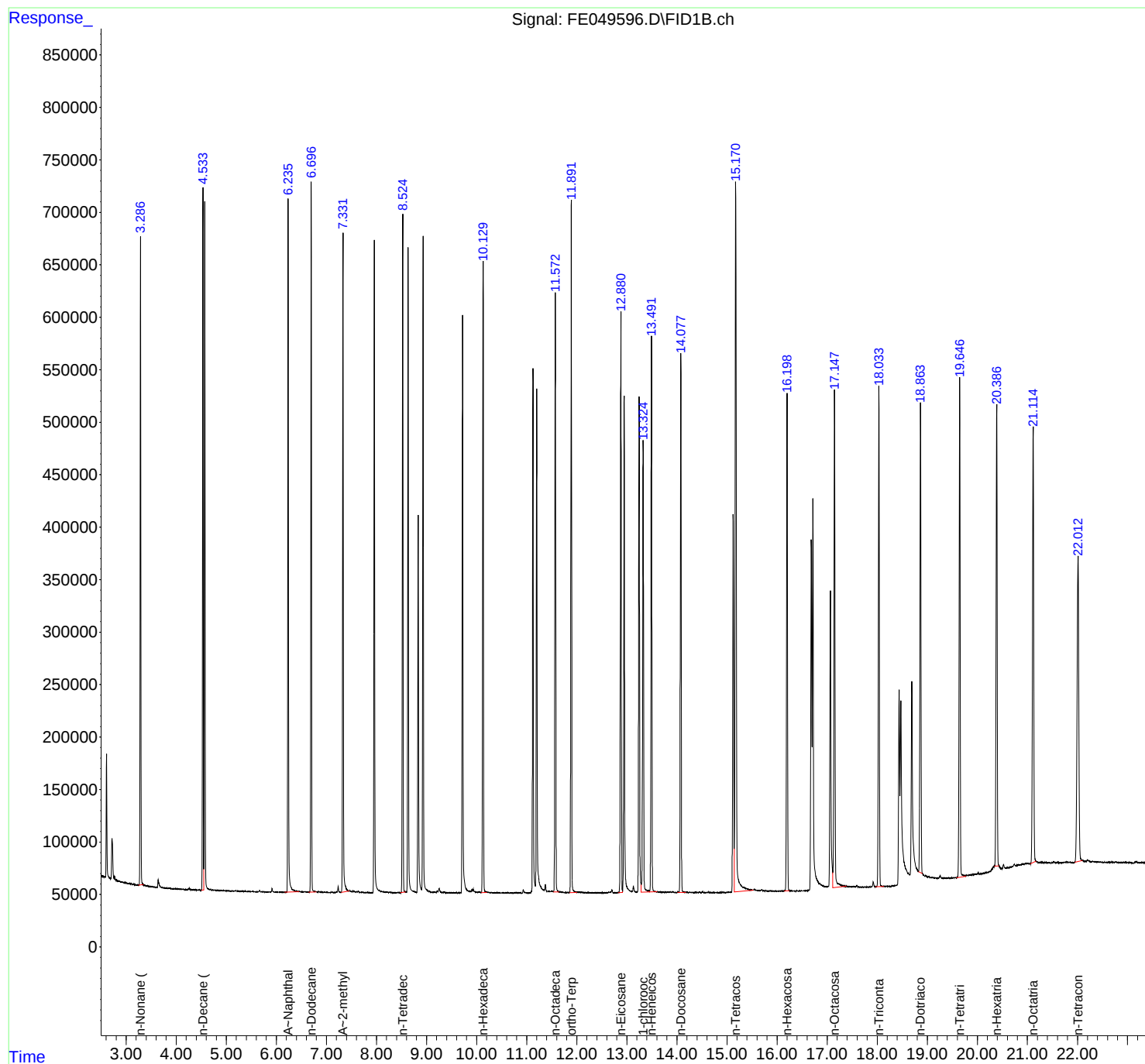
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FID_E
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PB162718BSD

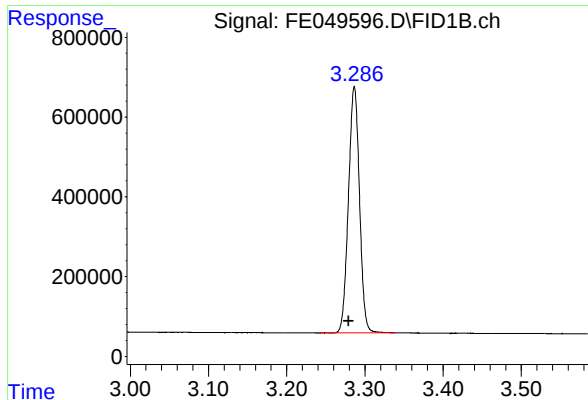
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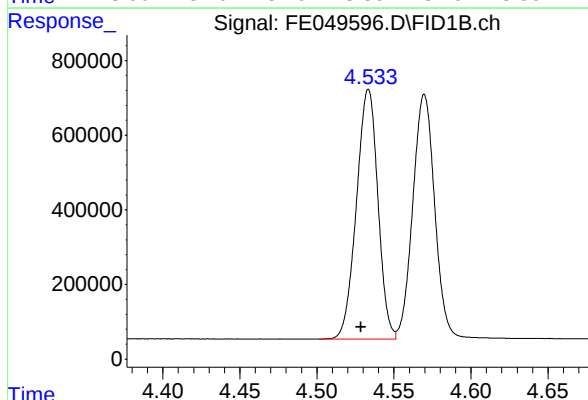
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.008 min
Response: 6067447
Conc: 39.21 ug/ml

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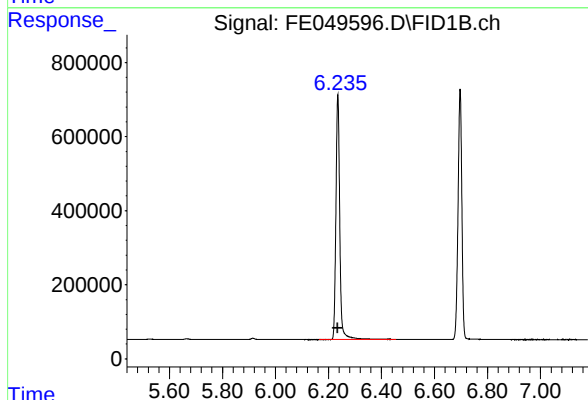
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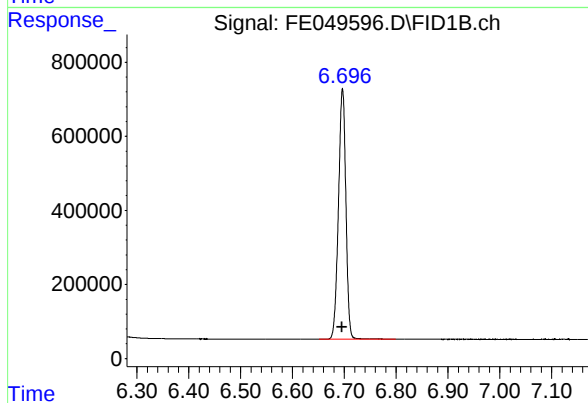
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: 0.005 min
Response: 6483409
Conc: 41.06 ug/ml



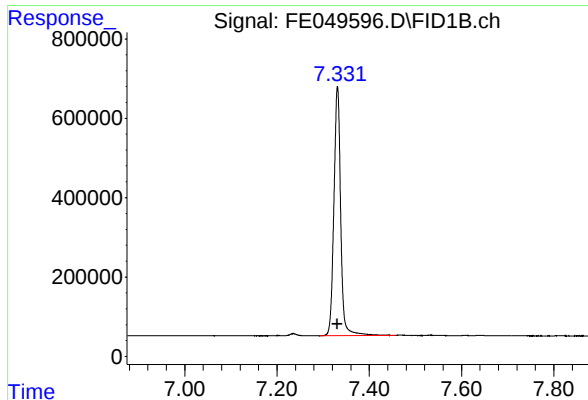
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 6693198
Conc: 41.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 6719500
Conc: 42.74 ug/ml



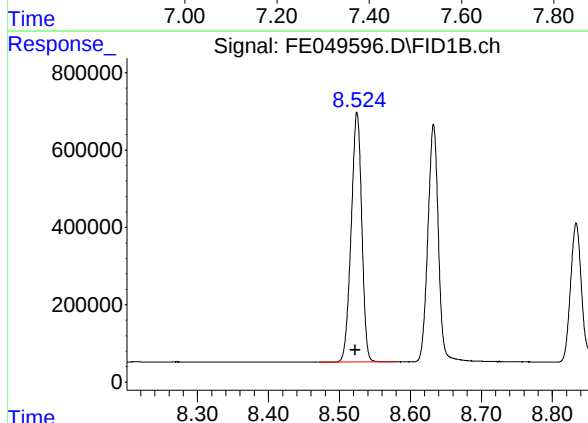
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 6417688
Conc: 42.85 ug/ml

Instrument :
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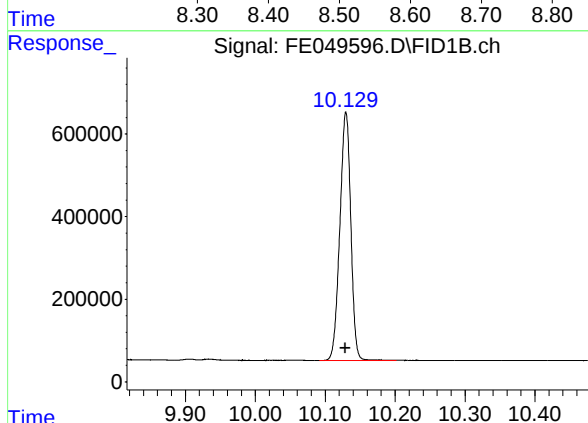
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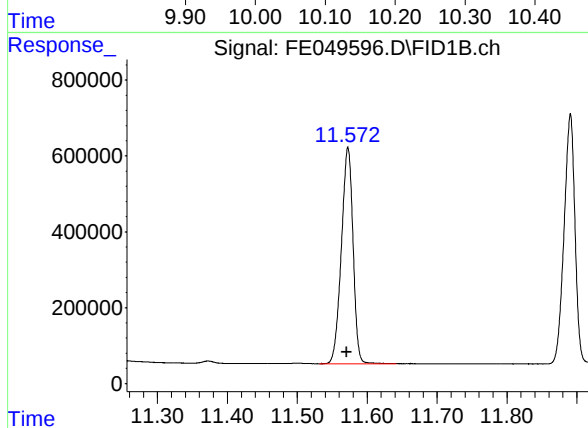
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 6687617
Conc: 43.32 ug/ml



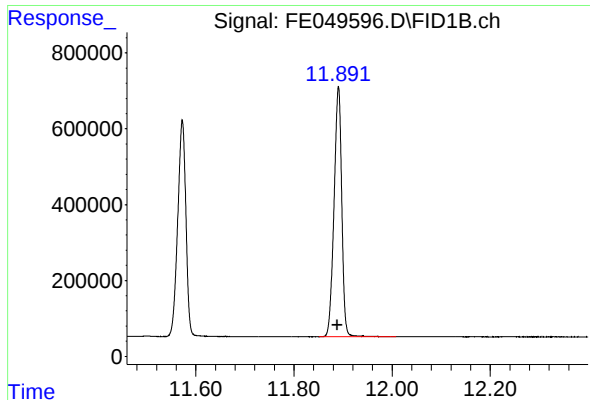
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 6548989
Conc: 41.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: 0.001 min
Response: 6600747
Conc: 42.03 ug/ml



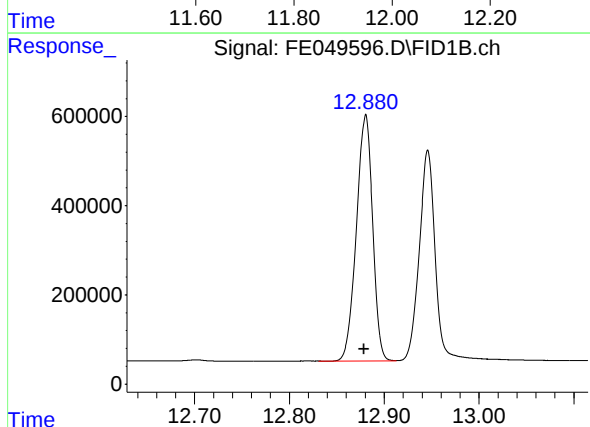
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: 0.002 min
Response: 7177697
Conc: 44.39 ug/ml

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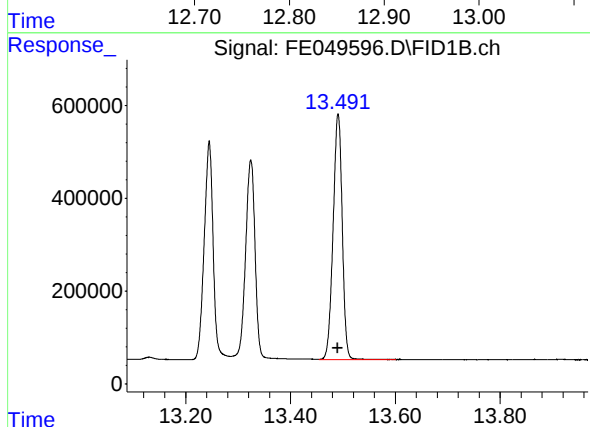
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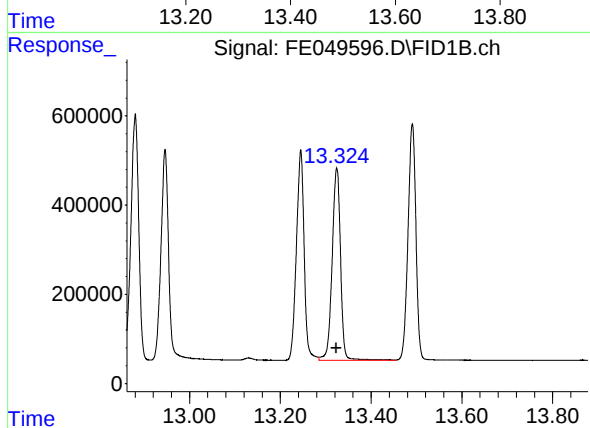
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: 0.001 min
Response: 6580408
Conc: 44.07 ug/ml



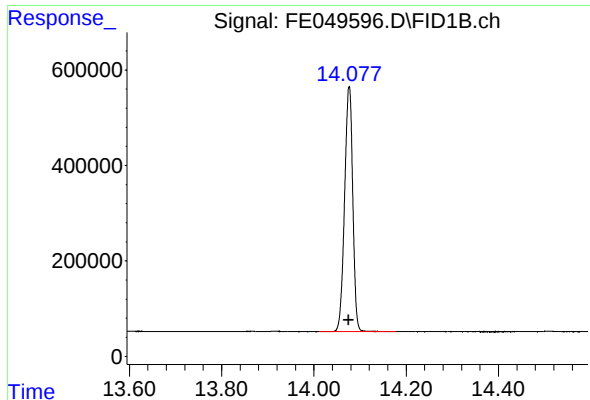
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.000 min
Response: 6399648
Conc: 43.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 5544027
Conc: 45.44 ug/ml



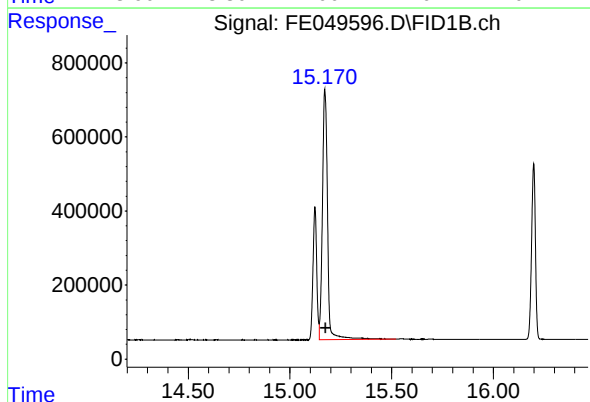
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.000 min
Response: 6318689
Conc: 43.35 ug/ml

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FID_E
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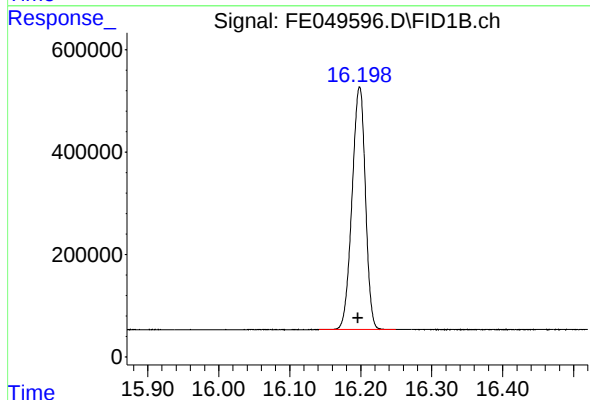
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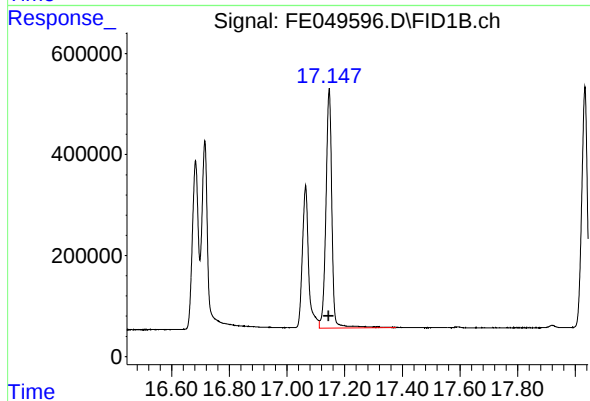
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.005 min
Response: 11892296
Conc: 81.75 ug/ml



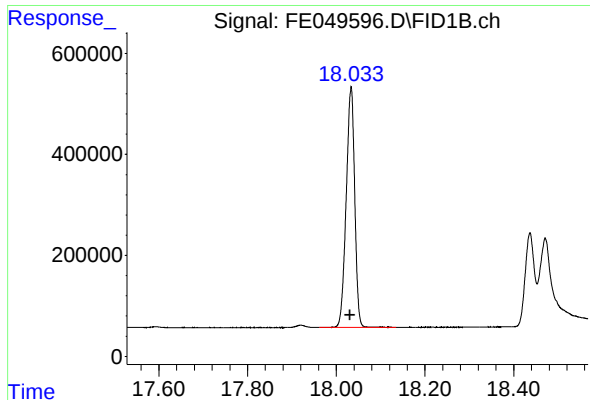
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 6206058
Conc: 43.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.000 min
Response: 6750976
Conc: 46.87 ug/ml



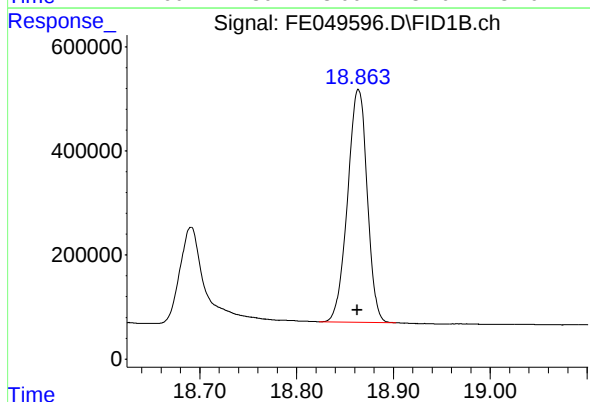
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 6344151
Conc: 42.38 ug/ml

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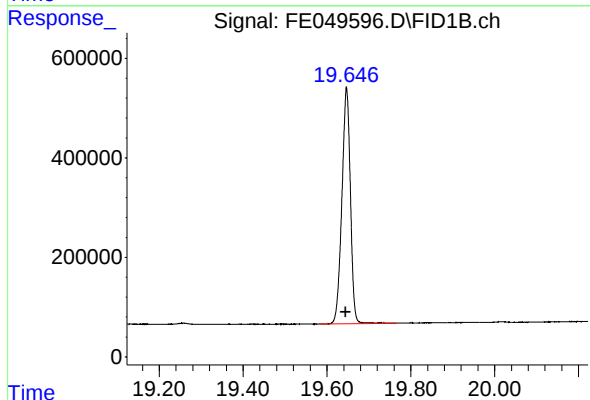
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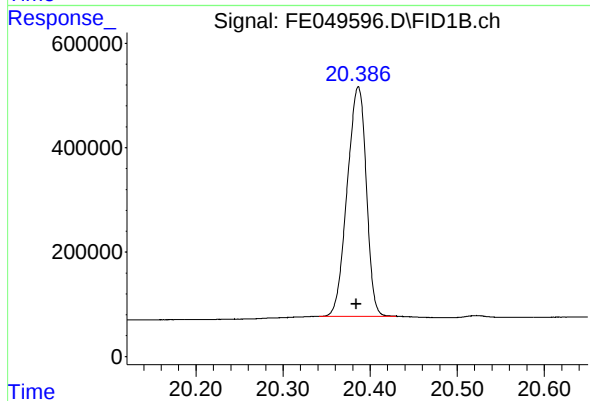
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 6320727
Conc: 41.78 ug/ml



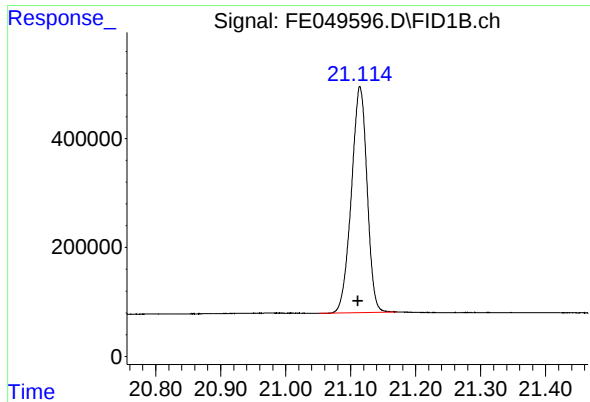
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.002 min
Response: 6709058
Conc: 43.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 6695264
Conc: 44.09 ug/ml



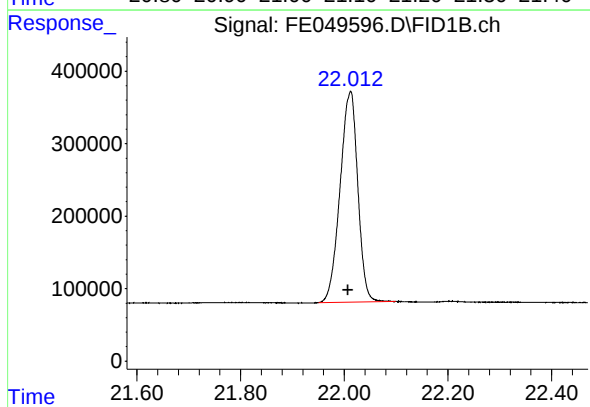
#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.003 min
Response: 6965605
Conc: 44.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: 0.003 min
Response: 6907899
Conc: 45.24 ug/ml