

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045560.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 17:46
 Operator : YP\AJ
 Sample : 05553-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-112723-EPH2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e
 Quant Time: Nov 28 23:06:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.867	5704576	29.878 ug/ml
Spiked Amount 50.000		Recovery =	59.76%
12) S 1-chlorooctadecane (S...	13.310	4293428	31.171 ug/ml
Spiked Amount 50.000		Recovery =	62.34%
Target Compounds			
1) T n-Nonane (C9)	3.259	5432222	32.883 ug/ml
2) T n-Decane (C10)	4.509	6145438	36.650 ug/ml
3) T A~Naphthalene (C11.7)	6.207	7079521	39.661 ug/ml
4) T n-Dodecane (C12)	6.674	6879965	40.737 ug/ml
5) T A~2-methylnaphthalene...	7.303	7191075	41.877 ug/ml
6) T n-Tetradecane (C14)	8.502	7625912	45.756 ug/ml
7) T n-Hexadecane (C16)	10.111	8108036	48.204 ug/ml
8) T n-Octadecane (C18)	11.556	8126309	48.553 ug/ml
10) T n-Eicosane (C20)	12.868	8041818	50.766 ug/ml
11) T n-Heneicosane (C21)	13.480	7619869	49.558 ug/ml
13) T n-Docosane (C22)	14.068	7531836	49.710 ug/ml
14) T n-Tetracosane (C24)	15.154	14501332	97.909 ug/mlm
15) T n-Hexacosane (C26)	16.201	7421161	50.915 ug/ml
16) T n-Octacosane (C28)	17.153	7591046	51.948 ug/ml
17) T n-Tricontane (C30)	18.044	7765742	51.125 ug/ml
18) T n-Dotriacontane (C32)	18.879	8223695	52.641 ug/ml
19) T n-Tetratriacontane (C34)	19.668	7729979	49.507 ug/ml
20) T n-Hexatriacontane (C36)	20.412	7633341	47.027 ug/ml
21) T n-Octatriacontane (C38)	21.154	7794894	46.917 ug/ml
22) T n-Tetracontane (C40)	22.069	8625013	50.496 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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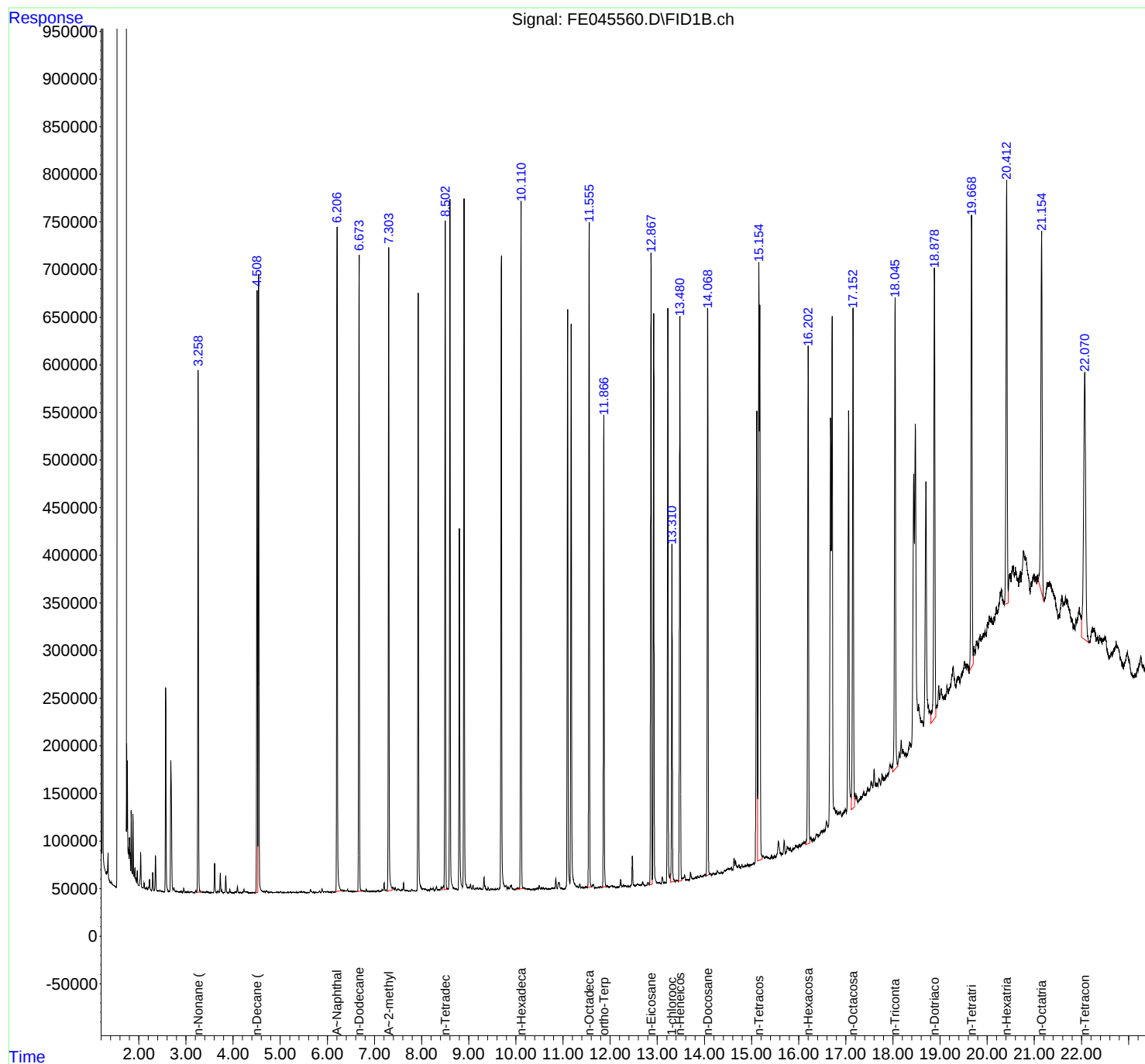
Instrument :
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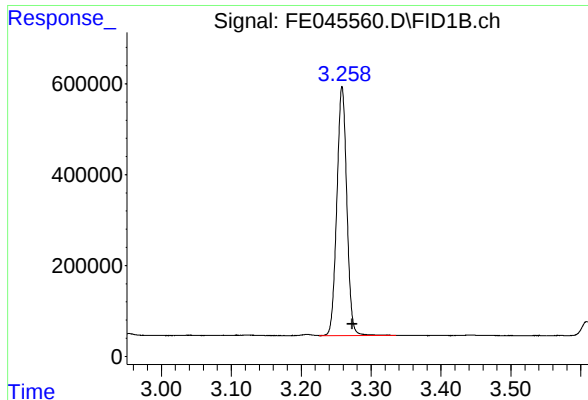
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#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.014 min
Response: 5432222
Conc: 32.88 ug/ml

Instrument :

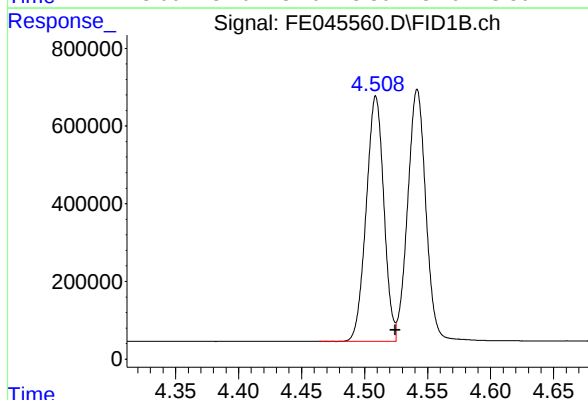
FID_E

ClientSampleId :

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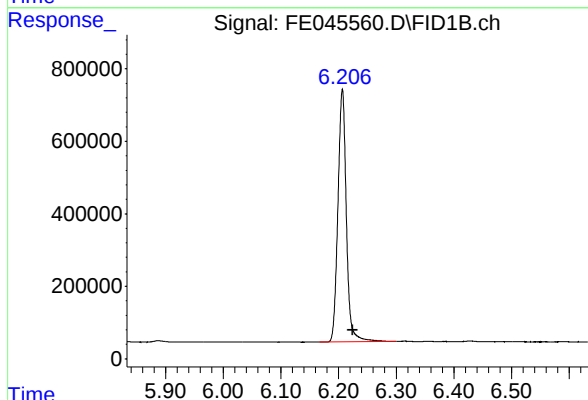
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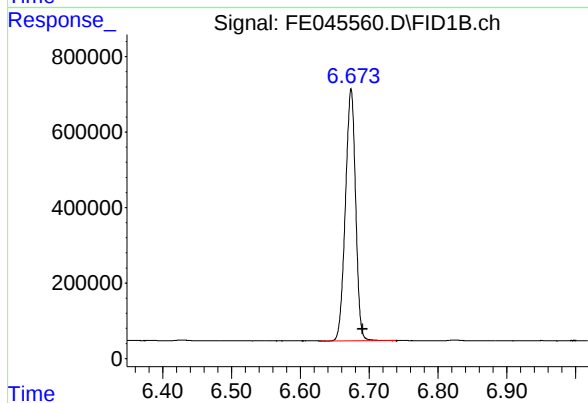
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: 6145438
Conc: 36.65 ug/ml



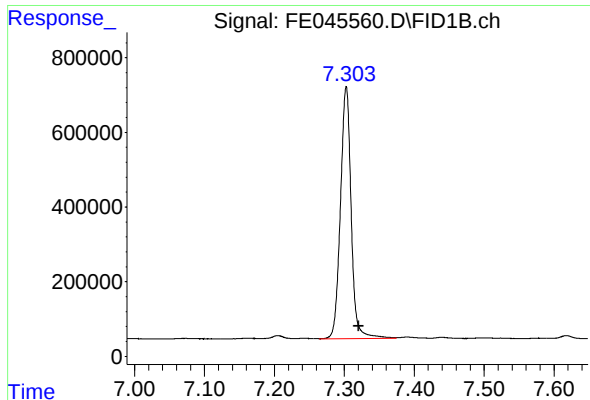
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 7079521
Conc: 39.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min
Delta R.T.: -0.016 min
Response: 6879965
Conc: 40.74 ug/ml



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

R.T.: 7.303 min
Delta R.T.: -0.018 min
Response: 7191075
Conc: 41.88 ug/ml

Instrument :

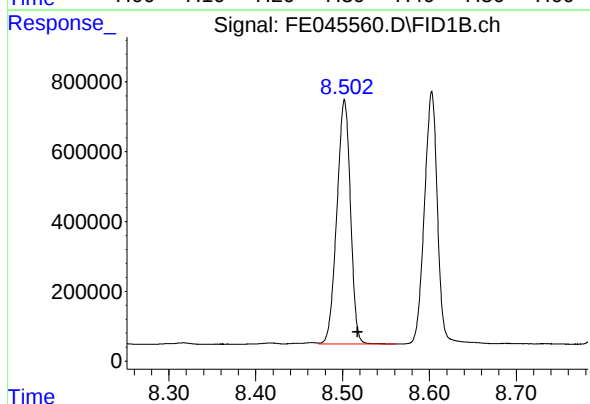
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ClientSampleId :

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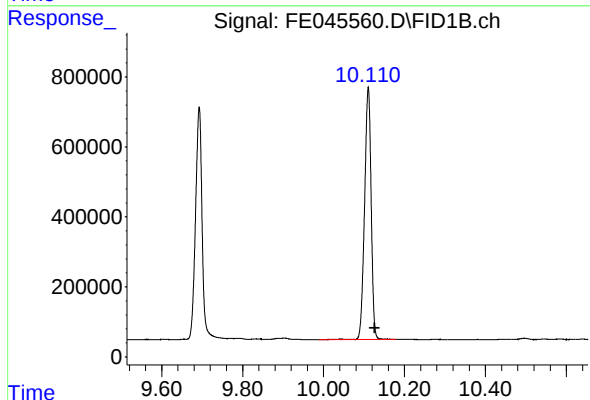
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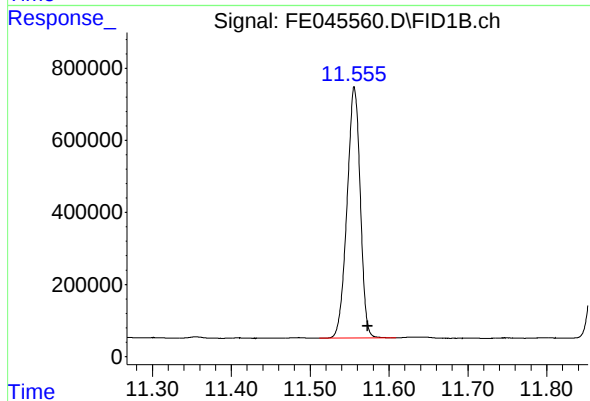
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 7625912
Conc: 45.76 ug/ml



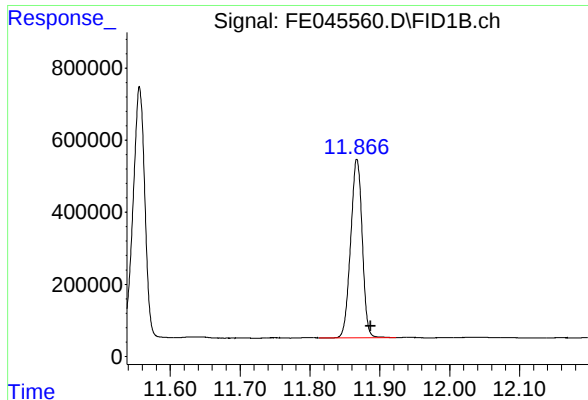
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.016 min
Response: 8108036
Conc: 48.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.017 min
Response: 8126309
Conc: 48.55 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.019 min
Response: 5704576
Conc: 29.88 ug/ml

Instrument :

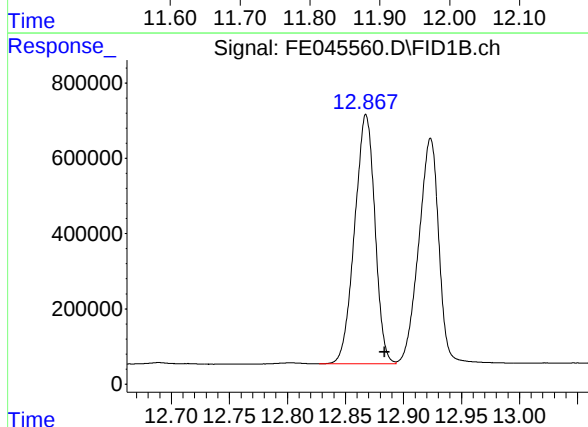
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ClientSampleId :

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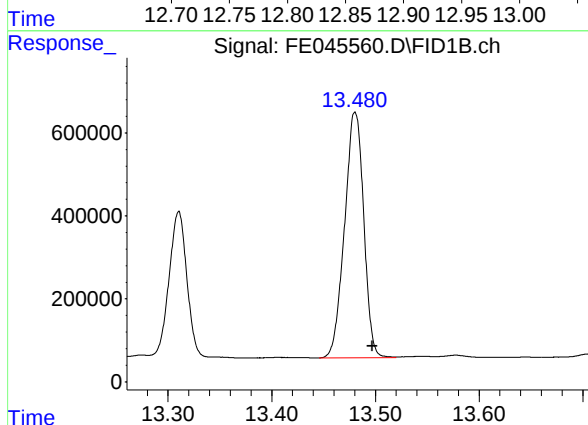
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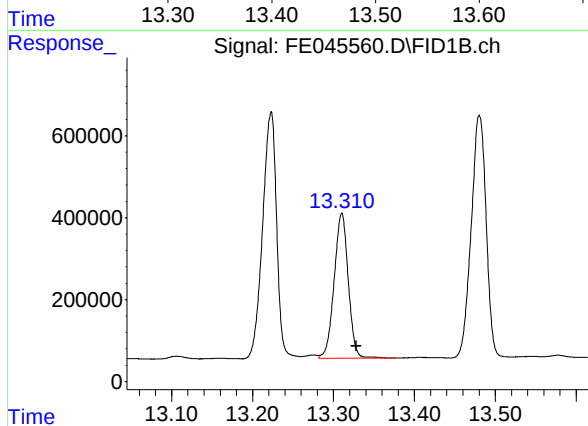
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.016 min
Response: 8041818
Conc: 50.77 ug/ml



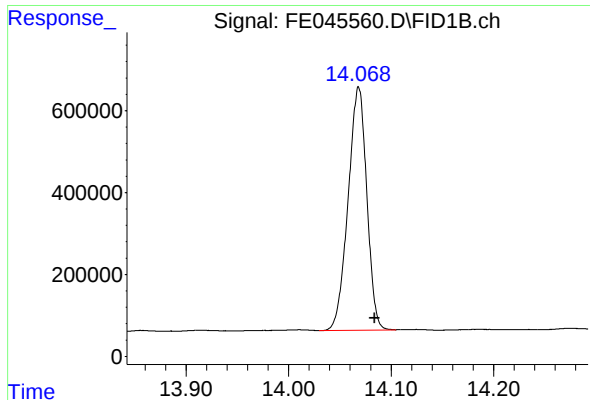
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.016 min
Response: 7619869
Conc: 49.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.018 min
Response: 4293428
Conc: 31.17 ug/ml



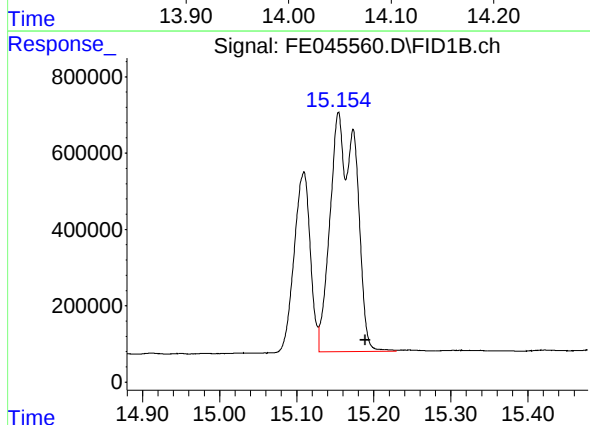
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.016 min
Response: 7531836
Conc: 49.71 ug/ml

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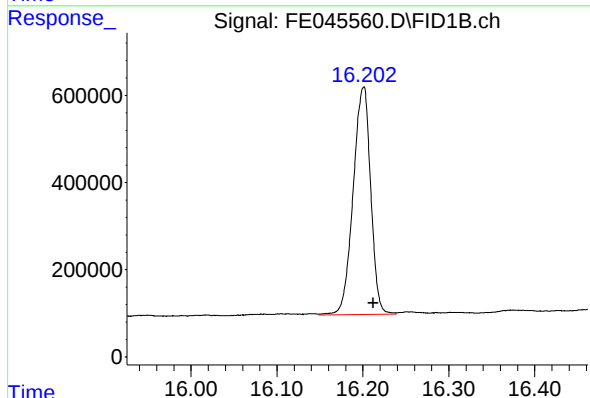
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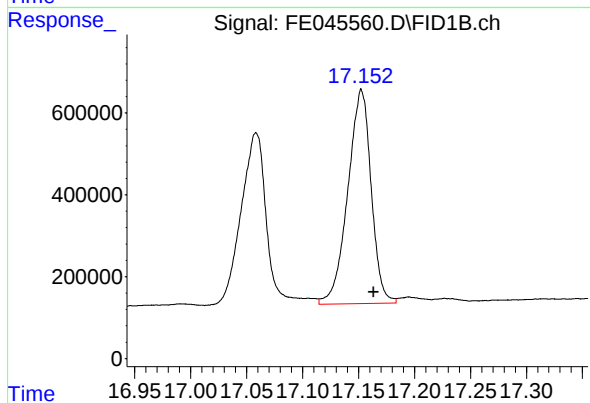
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.035 min
Response: 14501332
Conc: 97.91 ug/ml m



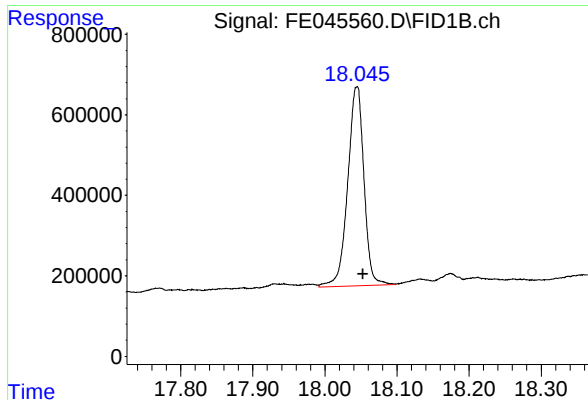
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 7421161
Conc: 50.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: -0.011 min
Response: 7591046
Conc: 51.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.008 min
Response: 7765742
Conc: 51.12 ug/ml

Instrument :

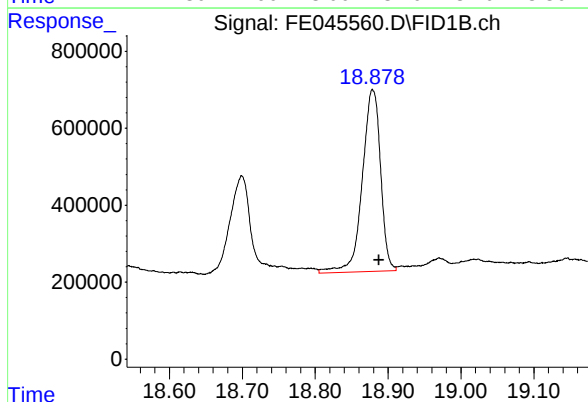
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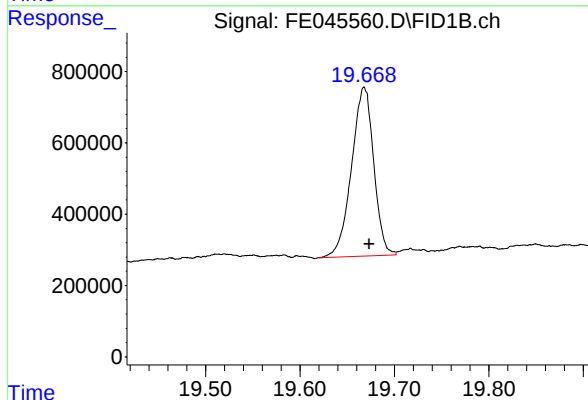
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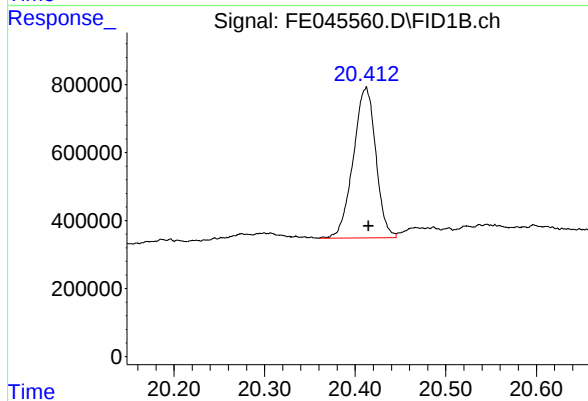
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 8223695
Conc: 52.64 ug/ml



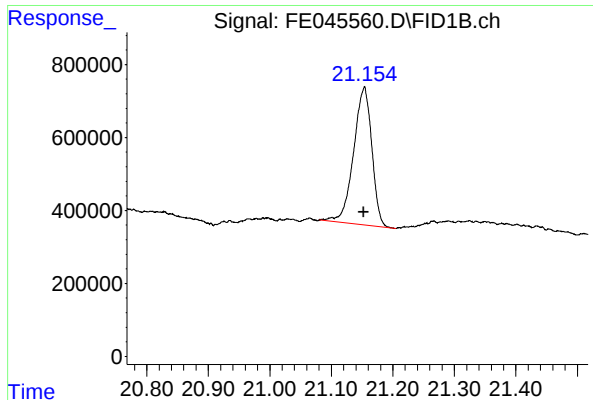
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.005 min
Response: 7729979
Conc: 49.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 7633341
Conc: 47.03 ug/ml



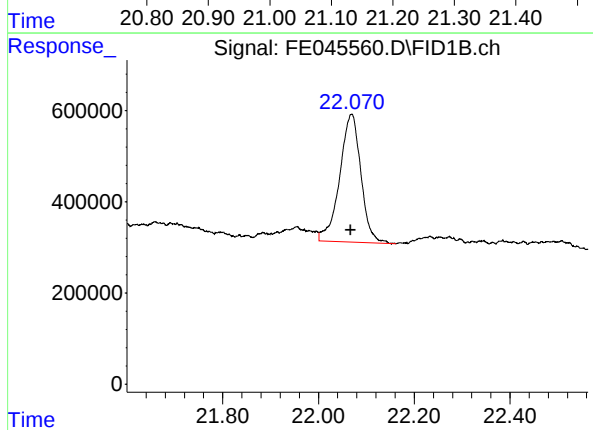
#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: 0.001 min
Response: 7794894
Conc: 46.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.002 min
Response: 8625013
Conc: 50.50 ug/ml