

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081123AL\
 Data File : FE043905.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 19:16
 Operator : YP\AJ
 Sample : 03961-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-339MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 01:27:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.941	4800506	23.295 ug/ml
Spiked Amount 50.000		Recovery =	46.59%
12) S 1-chlorooctadecane (S...	13.380	3910761	25.061 ug/ml
Spiked Amount 50.000		Recovery =	50.12%
Target Compounds			
1) T n-Nonane (C9)	3.331	4339497	26.872 ug/ml
2) T n-Decane (C10)	4.582	4818259	29.234 ug/ml
3) T A~Naphthalene (C11.7)	6.281	5550517	30.485 ug/ml
4) T n-Dodecane (C12)	6.745	5177536	30.936 ug/ml
5) T A~2-methylnaphthalene...	7.376	5644338	31.705 ug/ml
6) T n-Tetradecane (C14)	8.573	5516908	32.745 ug/ml
7) T n-Hexadecane (C16)	10.181	5963768	33.808 ug/ml
8) T n-Octadecane (C18)	11.626	6207832	34.269 ug/ml
10) T n-Eicosane (C20)	12.937	6846742	38.689 ug/ml
11) T n-Heneicosane (C21)	13.549	6358182	35.909 ug/ml
13) T n-Docosane (C22)	14.136	6651863	37.924 ug/ml
14) T n-Tetracosane (C24)	15.240	4695925	26.727 ug/ml
15) T n-Hexacosane (C26)	16.264	5608031	32.447 ug/ml
16) T n-Octacosane (C28)	17.213	5802797	34.681 ug/ml
17) T n-Tricontane (C30)	18.102	5422671	32.740 ug/ml
18) T n-Dotriacontane (C32)	18.936	5236035	33.162 ug/ml
19) T n-Tetratriacontane (C34)	19.721	4892304	32.923 ug/ml
20) T n-Hexatriacontane (C36)	20.462	4194860	30.011 ug/mlm
21) T n-Octatriacontane (C38)	21.207	4111292	30.818 ug/ml
22) T n-Tetracontane (C40)	22.131	4434894	34.372 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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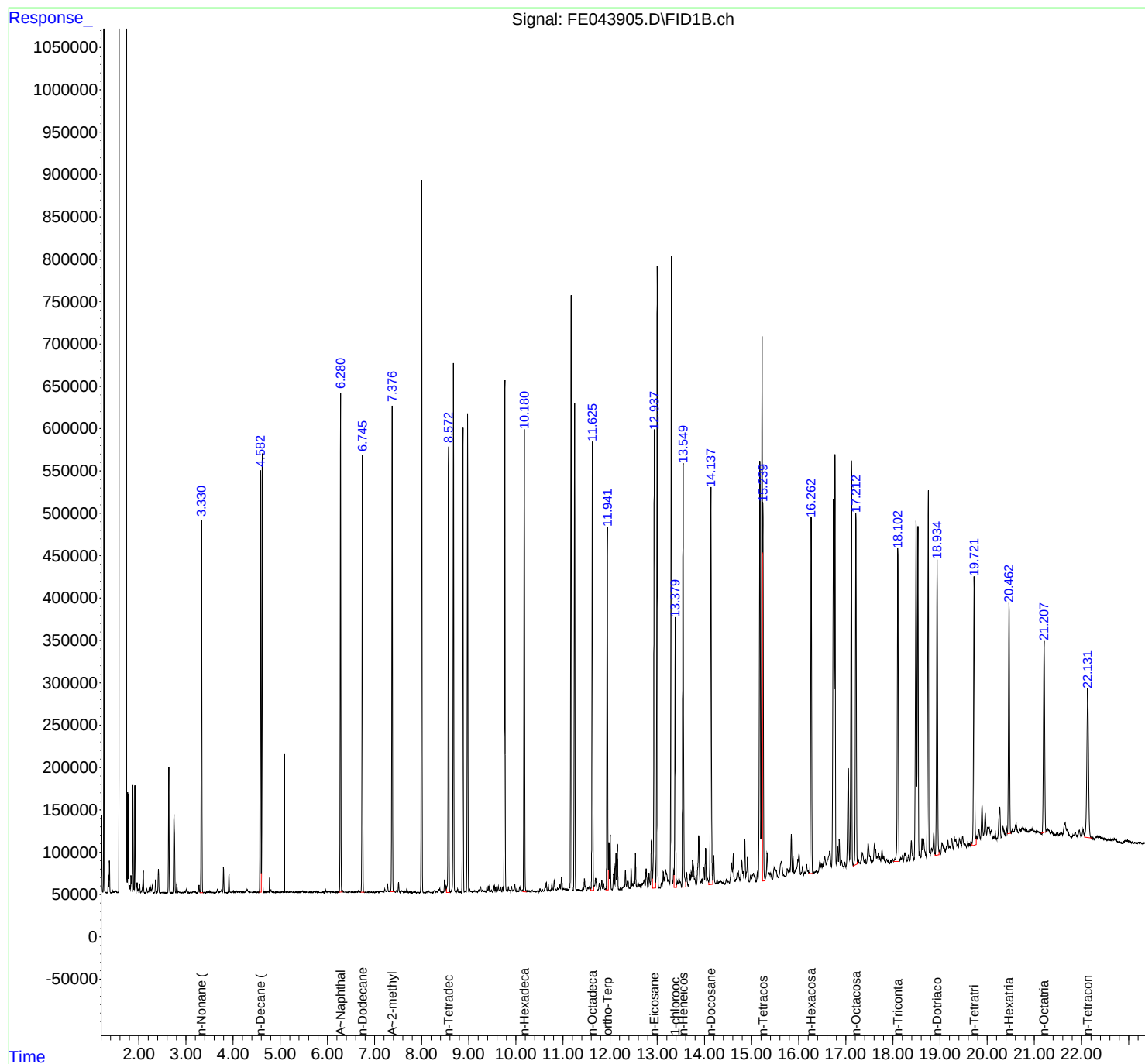
Instrument :
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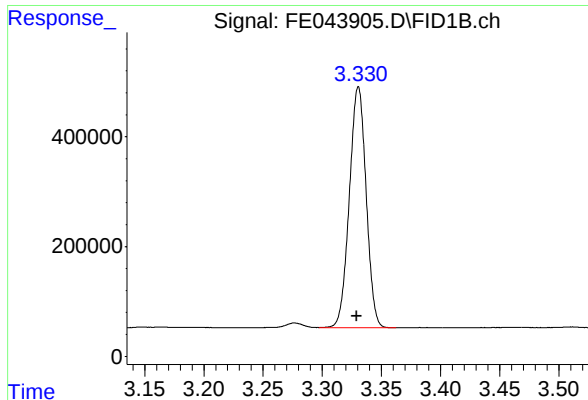
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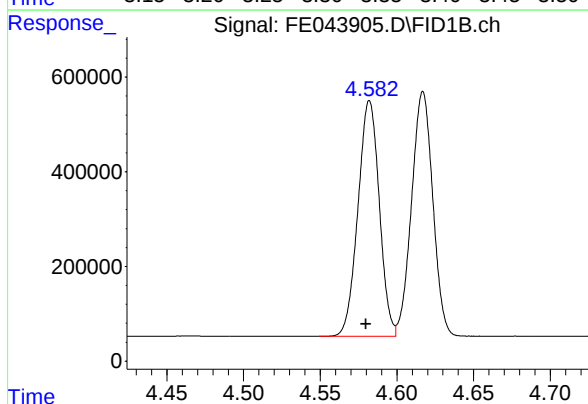
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.002 min
Response: 4339497
Conc: 26.87 ug/ml

Instrument :
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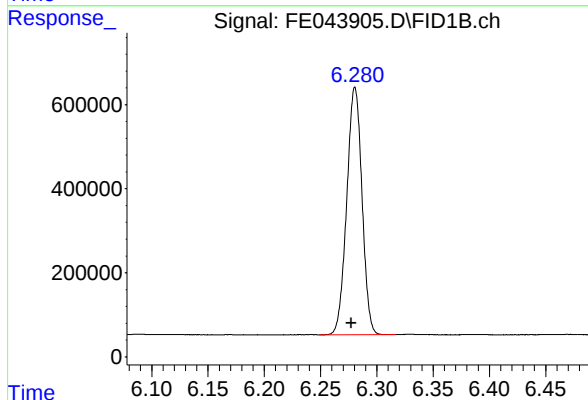
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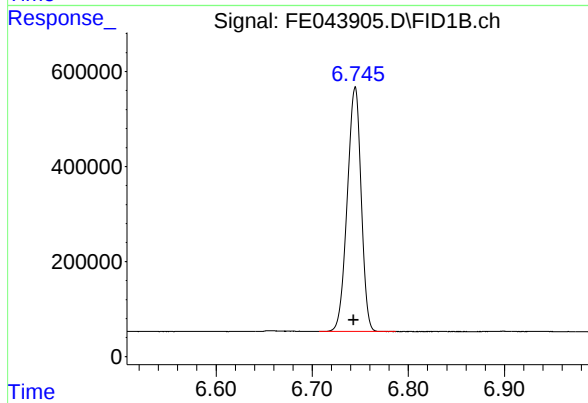
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 4818259
Conc: 29.23 ug/ml



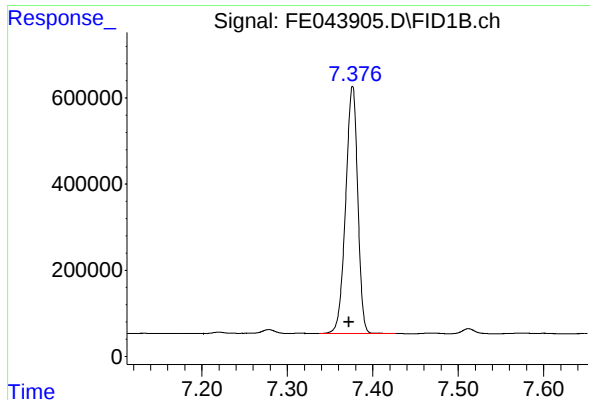
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.003 min
Response: 5550517
Conc: 30.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 5177536
Conc: 30.94 ug/ml



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

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 5644338
Conc: 31.70 ug/ml

Instrument :

FID_E

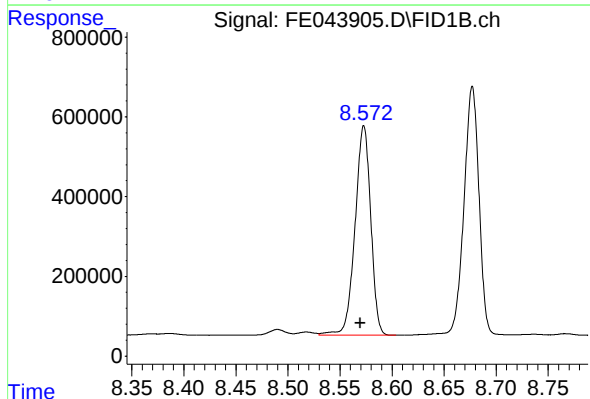
ClientSampleId :

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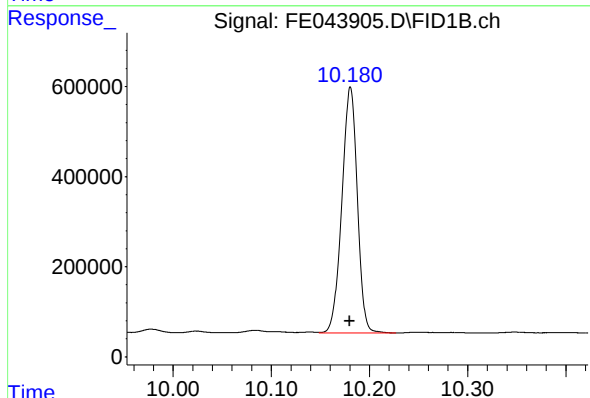
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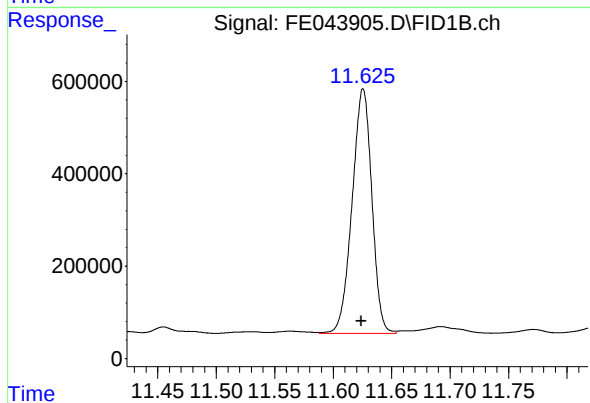
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 5516908
Conc: 32.74 ug/ml



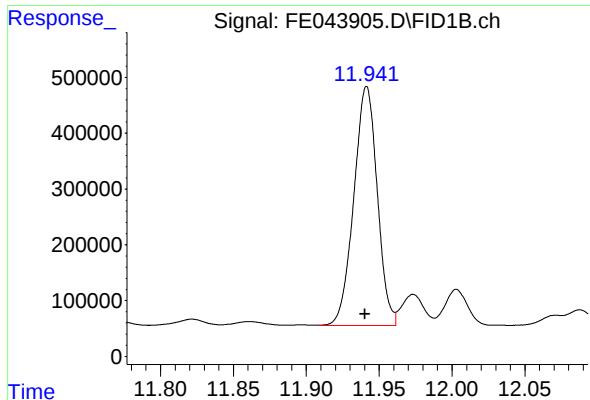
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 5963768
Conc: 33.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 6207832
Conc: 34.27 ug/ml



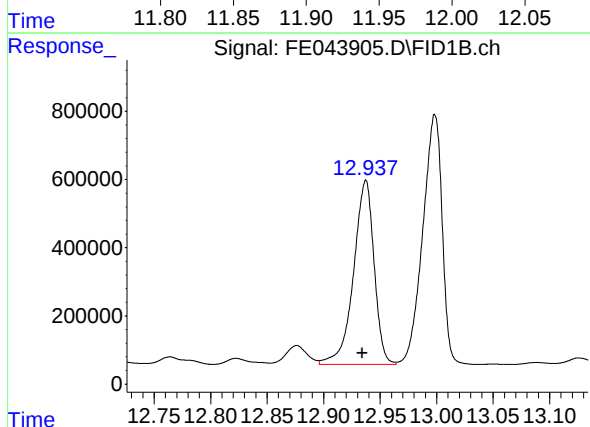
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.001 min
Response: 4800506
Conc: 23.30 ug/ml

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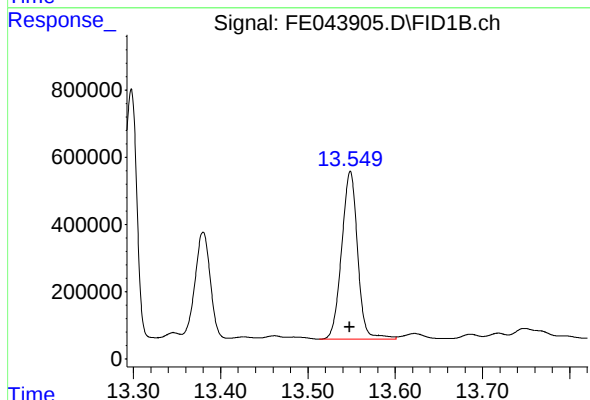
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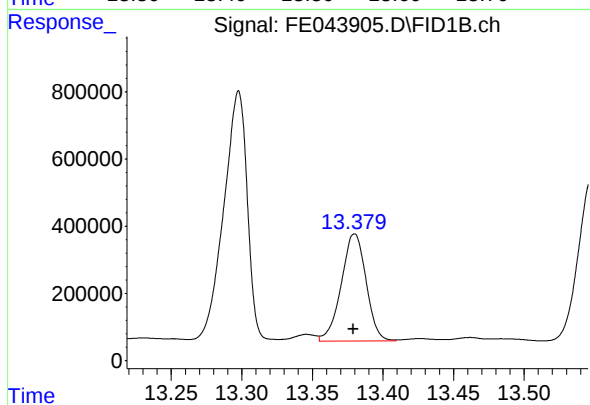
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.003 min
Response: 6846742
Conc: 38.69 ug/ml



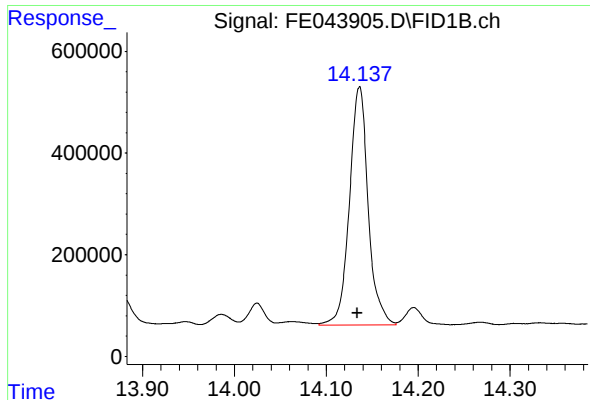
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 6358182
Conc: 35.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: 0.000 min
Response: 3910761
Conc: 25.06 ug/ml



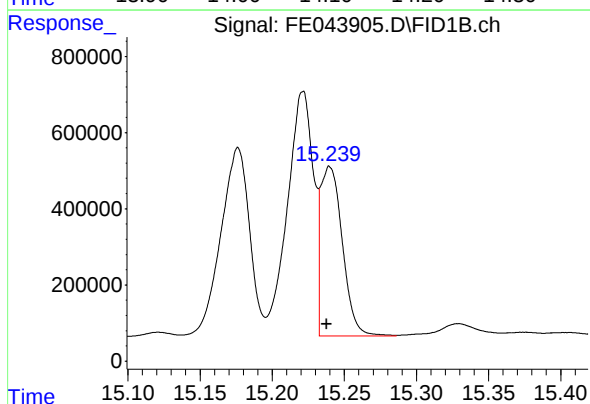
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: 0.002 min
Response: 6651863
Conc: 37.92 ug/ml

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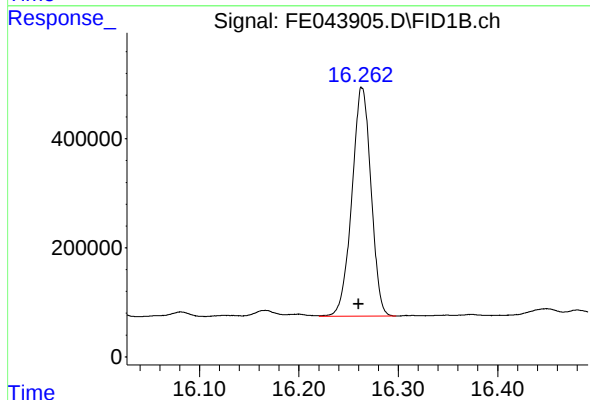
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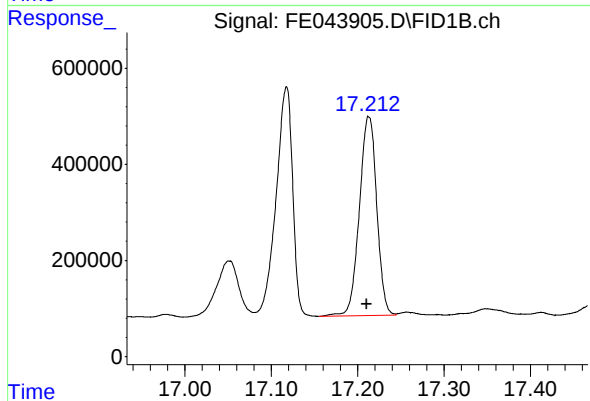
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.002 min
Response: 4695925
Conc: 26.73 ug/ml



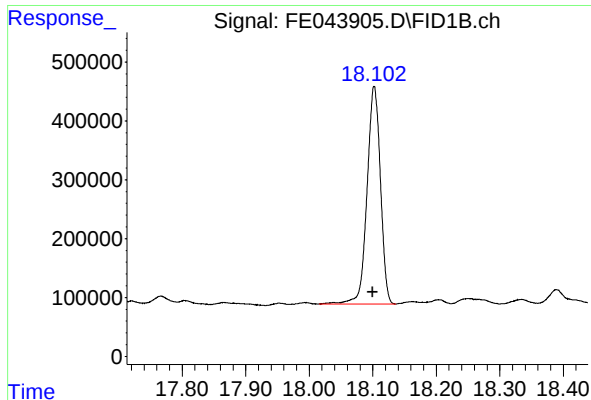
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 5608031
Conc: 32.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.002 min
Response: 5802797
Conc: 34.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.003 min
Response: 5422671
Conc: 32.74 ug/ml

Instrument :

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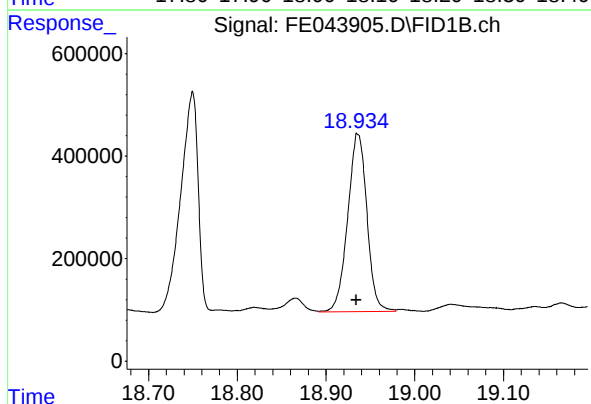
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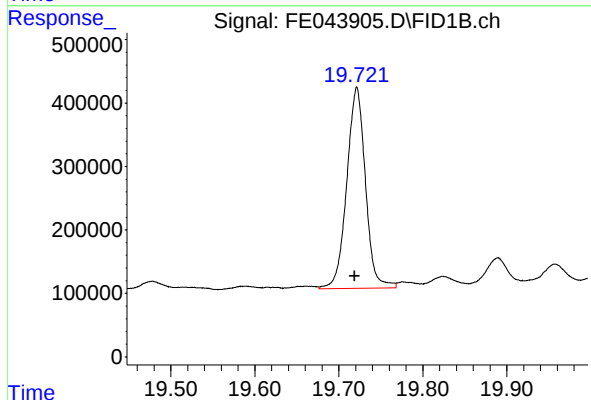
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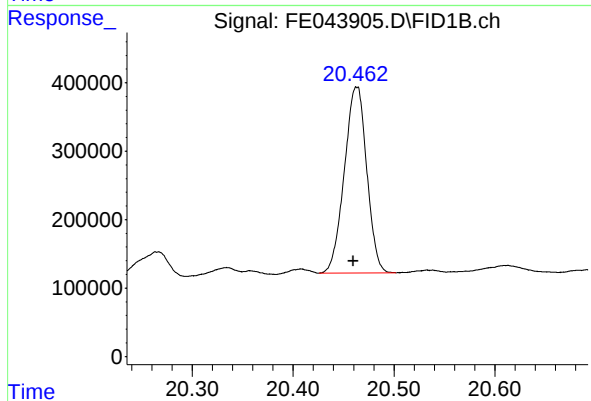
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 5236035
Conc: 33.16 ug/ml



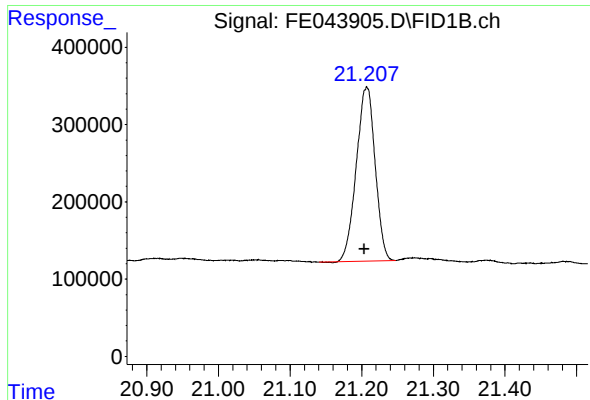
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.003 min
Response: 4892304
Conc: 32.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.002 min
Response: 4194860
Conc: 30.01 ug/ml m



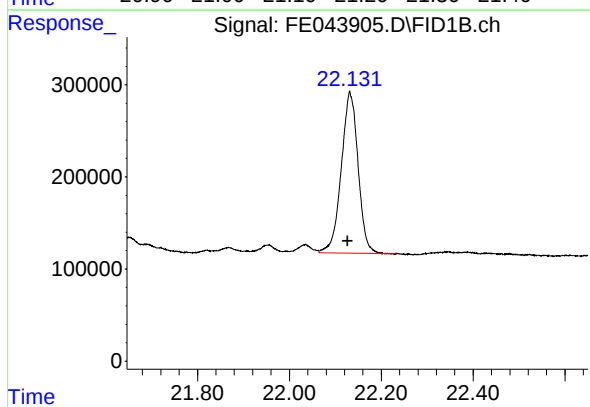
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.004 min
Response: 4111292
Conc: 30.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.005 min
Response: 4434894
Conc: 34.37 ug/ml