

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011325AL\
 Data File : FE051902.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2025 16:04
 Operator : YP\AJ
 Sample : Q1068-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-1-10-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :Ankita Jodhani 01/14/2025

Integration File: autoint1.e
 Quant Time: Jan 14 07:47:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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			
9) S ortho-Terphenyl (SURR)	12.157	4148650	28.621 ug/ml
Spiked Amount 50.000		Recovery =	57.24%
12) S 1-chlorooctadecane (S...	13.522	6170984	53.703 ug/ml
Spiked Amount 50.000		Recovery =	107.41%
Target Compounds			
1) T n-Nonane (C9)	3.576	3019305	27.336 ug/ml
2) T n-Decane (C10)	4.815	3421679	30.069 ug/ml
3) T A~Naphthalene (C11.7)	6.520	4393712	34.451 ug/ml
4) T n-Dodecane (C12)	6.964	4055768	34.536 ug/ml
5) T A~2-methylnaphthalene...	7.609	4506433	36.006 ug/mlm
6) T n-Tetradecane (C14)	8.786	4880566	40.706 ug/mlm
7) T n-Hexadecane (C16)	10.389	5316927	41.548 ug/ml
8) T n-Octadecane (C18)	11.829	5420338	40.734 ug/ml
10) T n-Eicosane (C20)	13.138	5486415	41.697 ug/mlm
11) T n-Heneicosane (C21)	13.748	5269087	40.093 ug/ml
13) T n-Docosane (C22)	14.334	5203584	39.665 ug/ml
14) T n-Tetracosane (C24)	15.397	5270023	39.787 ug/ml
15) T n-Hexacosane (C26)	16.456	4913056	37.444 ug/ml
16) T n-Octacosane (C28)	17.403	4955869	38.383 ug/ml
17) T n-Tricontane (C30)	18.290	4876515	37.095 ug/ml
18) T n-Dotriacontane (C32)	19.121	4672967	36.822 ug/ml
19) T n-Tetratriacontane (C34)	19.904	4353989	39.186 ug/ml
20) T n-Hexatriacontane (C36)	20.643	4135826	41.921 ug/ml
21) T n-Octatriacontane (C38)	21.435	4084912	43.145 ug/mlm
22) T n-Tetracontane (C40)	22.439	3886198	42.217 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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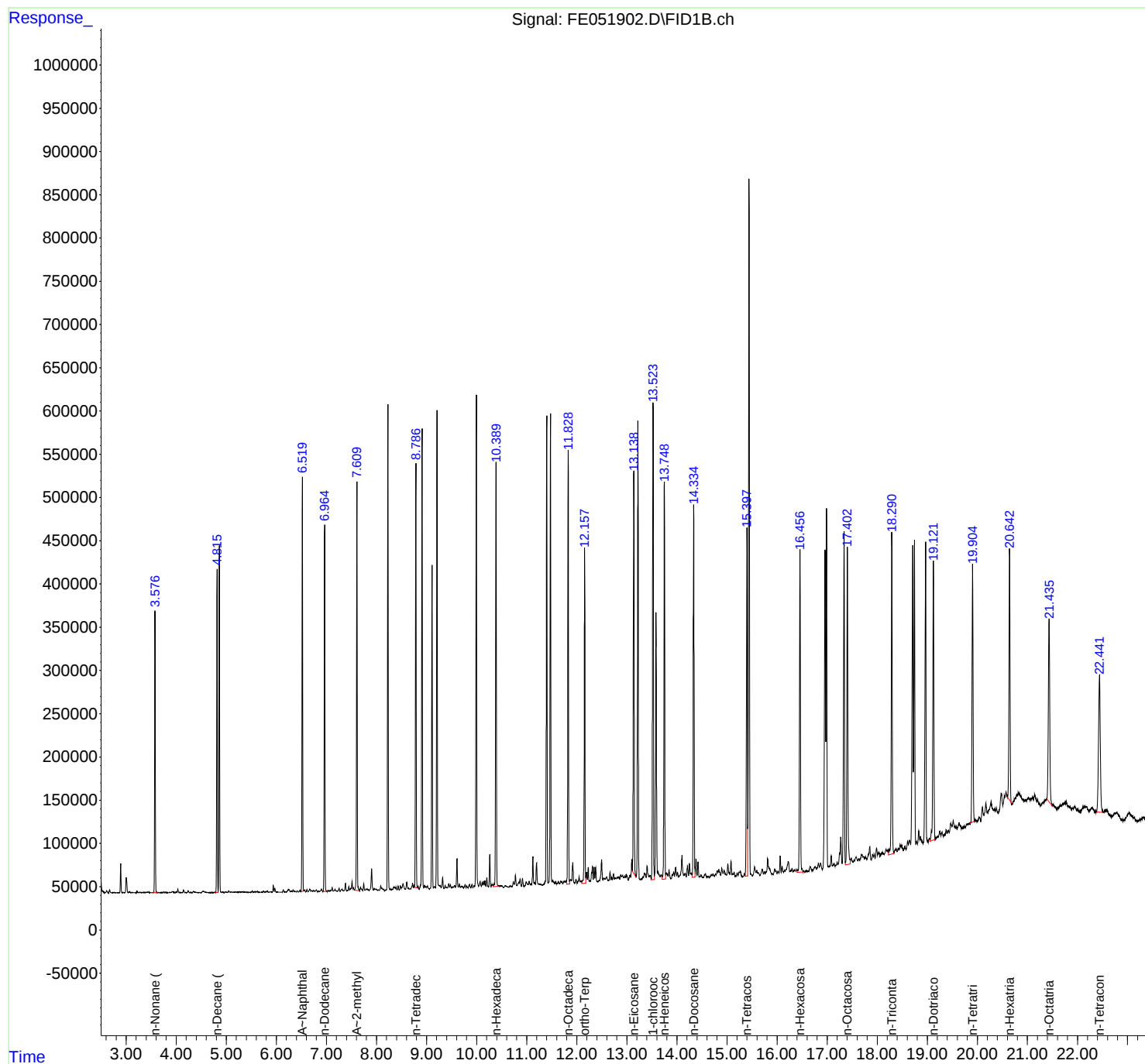
Instrument :
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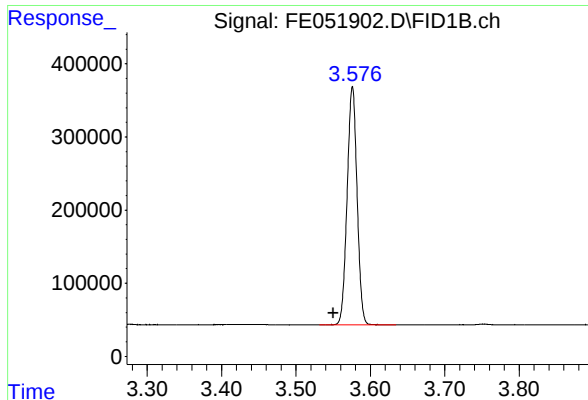
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#1 n-Nonane (C9)

R.T.: 3.576 min
Delta R.T.: 0.026 min
Response: 3019305
Conc: 27.34 ug/ml

Instrument :

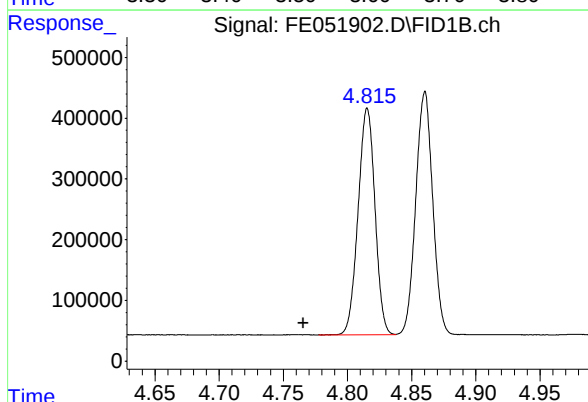
FID_E

ClientSampleId :

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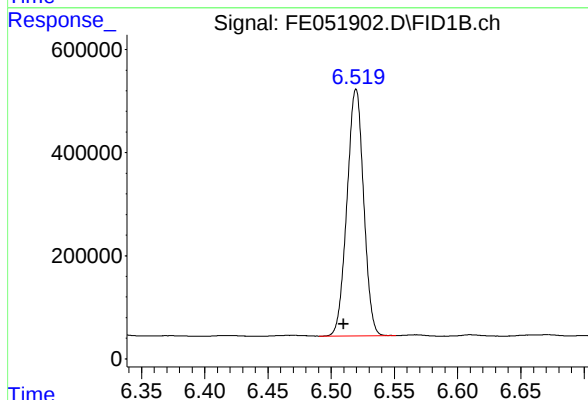
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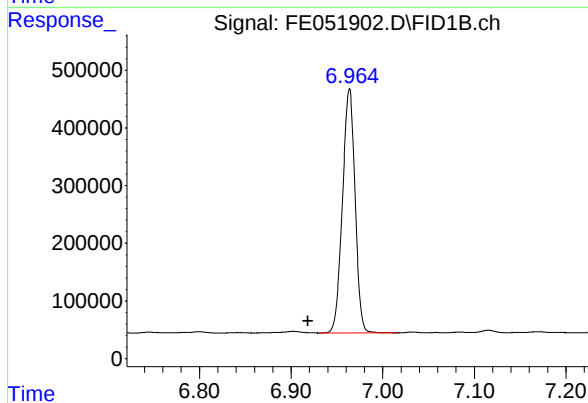
#2 n-Decane (C10)

R.T.: 4.815 min
Delta R.T.: 0.050 min
Response: 3421679
Conc: 30.07 ug/ml



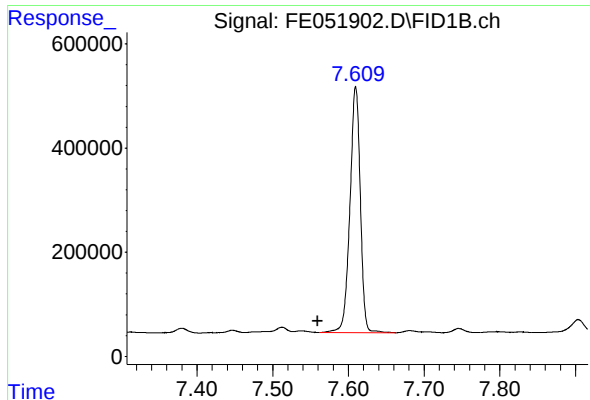
#3 A~Naphthalene (C11.7)

R.T.: 6.520 min
Delta R.T.: 0.010 min
Response: 4393712
Conc: 34.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.964 min
Delta R.T.: 0.045 min
Response: 4055768
Conc: 34.54 ug/ml



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

R.T.: 7.609 min
Delta R.T.: 0.049 min
Response: 4506433
Conc: 36.01 ug/ml

Instrument :

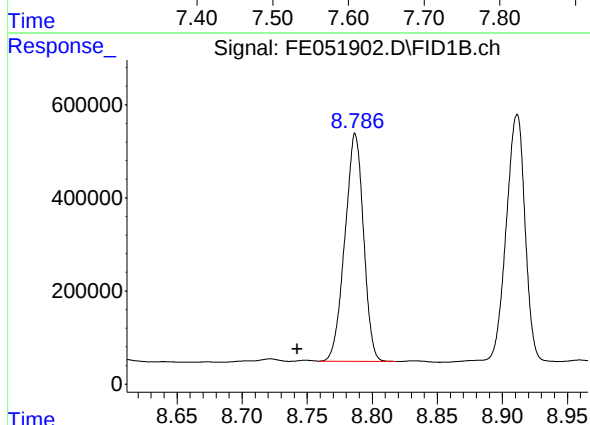
FID_E

ClientSampleId :

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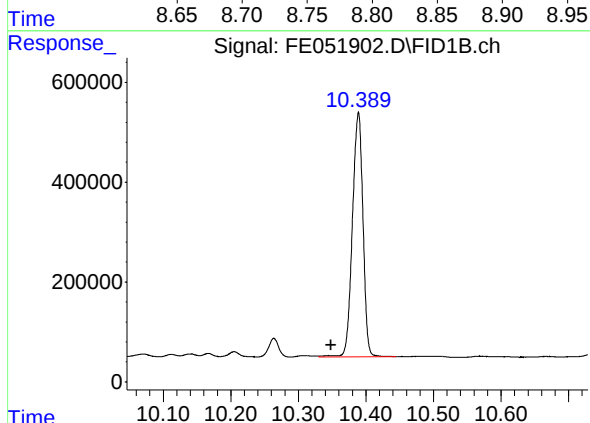
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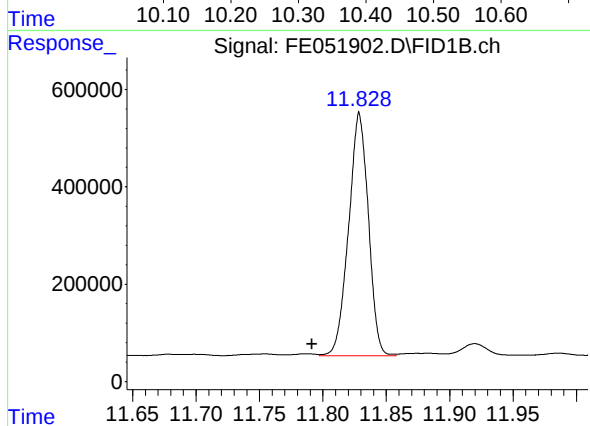
#6 n-Tetradecane (C14)

R.T.: 8.786 min
Delta R.T.: 0.044 min
Response: 4880566
Conc: 40.71 ug/ml m



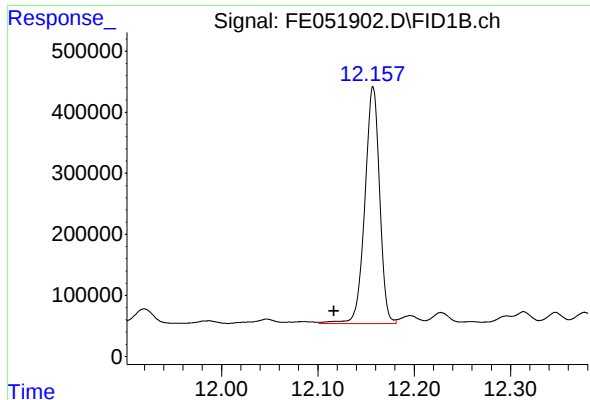
#7 n-Hexadecane (C16)

R.T.: 10.389 min
Delta R.T.: 0.040 min
Response: 5316927
Conc: 41.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.829 min
Delta R.T.: 0.037 min
Response: 5420338
Conc: 40.73 ug/ml



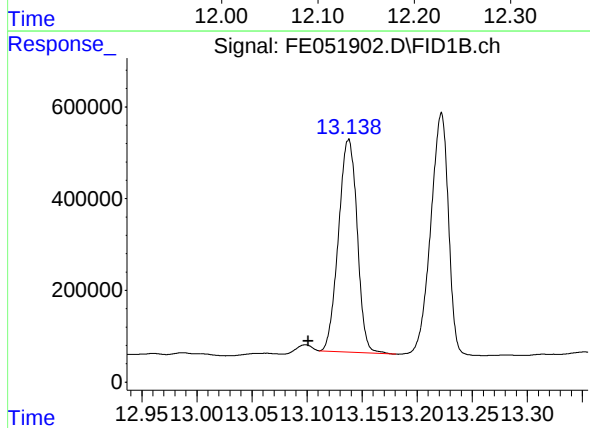
#9 ortho-Terphenyl (SURR)

R.T.: 12.157 min
Delta R.T.: 0.040 min
Response: 4148650
Conc: 28.62 ug/ml

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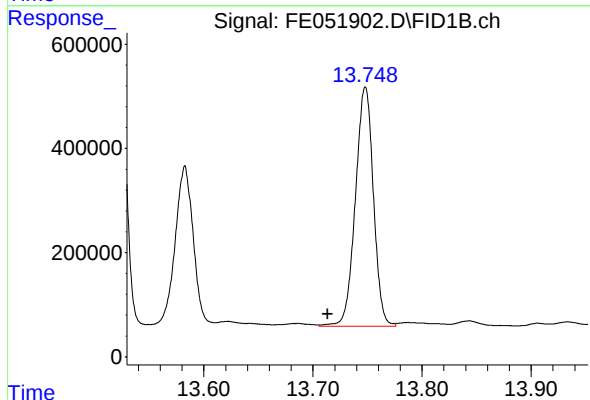
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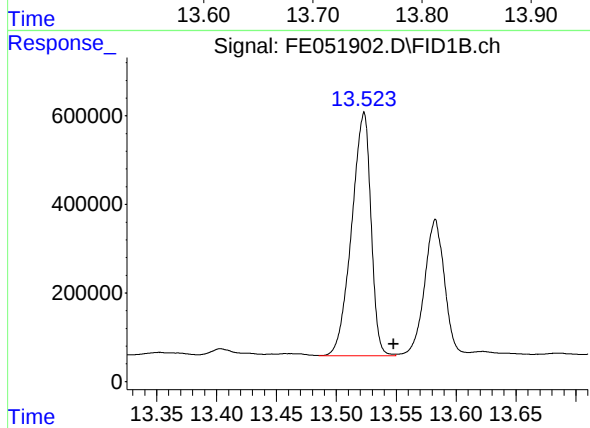
#10 n-Eicosane (C20)

R.T.: 13.138 min
Delta R.T.: 0.037 min
Response: 5486415
Conc: 41.70 ug/ml



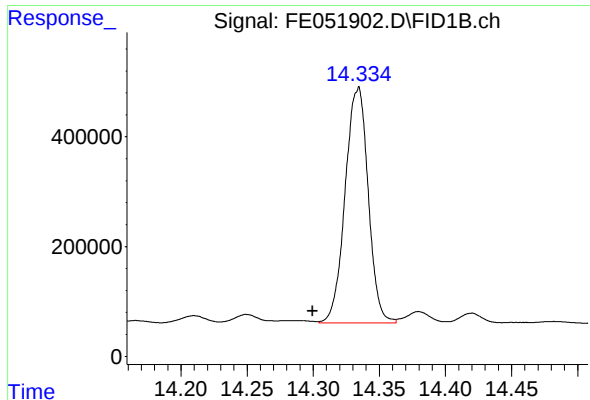
#11 n-Heneicosane (C21)

R.T.: 13.748 min
Delta R.T.: 0.034 min
Response: 5269087
Conc: 40.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: -0.025 min
Response: 6170984
Conc: 53.70 ug/ml



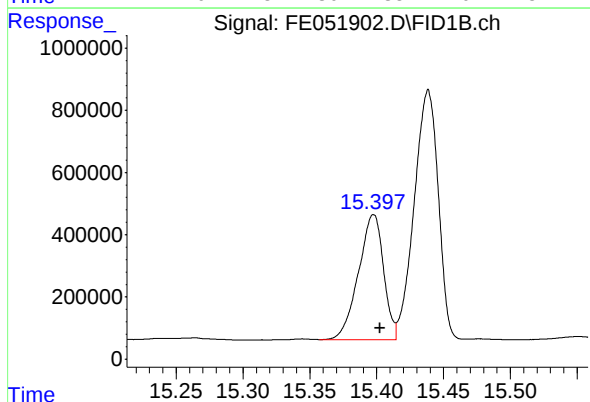
#13 n-Docosane (C22)

R.T.: 14.334 min
Delta R.T.: 0.034 min
Response: 5203584
Conc: 39.66 ug/ml

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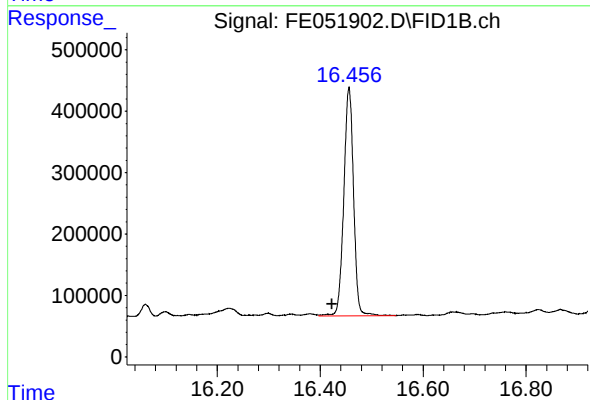
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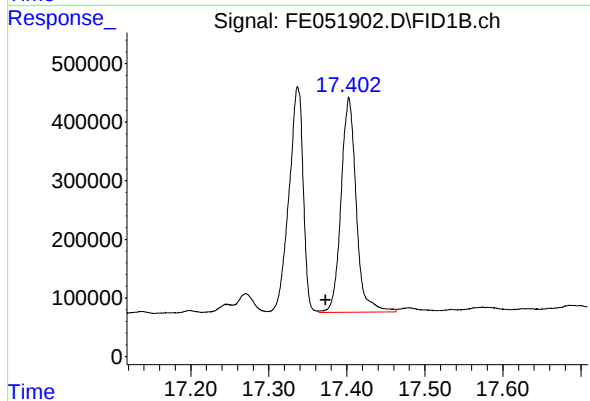
#14 n-Tetracosane (C24)

R.T.: 15.397 min
Delta R.T.: -0.005 min
Response: 5270023
Conc: 39.79 ug/ml



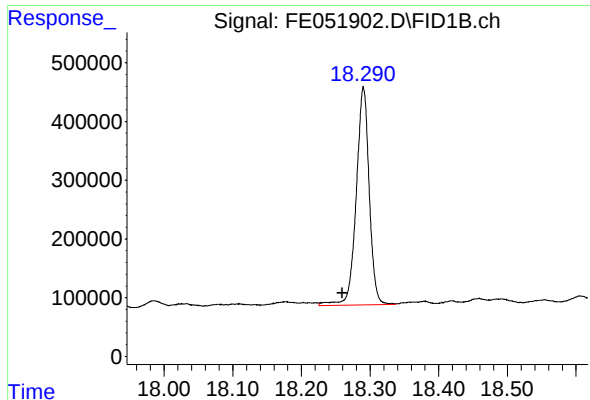
#15 n-Hexacosane (C26)

R.T.: 16.456 min
Delta R.T.: 0.033 min
Response: 4913056
Conc: 37.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.403 min
Delta R.T.: 0.030 min
Response: 4955869
Conc: 38.38 ug/ml



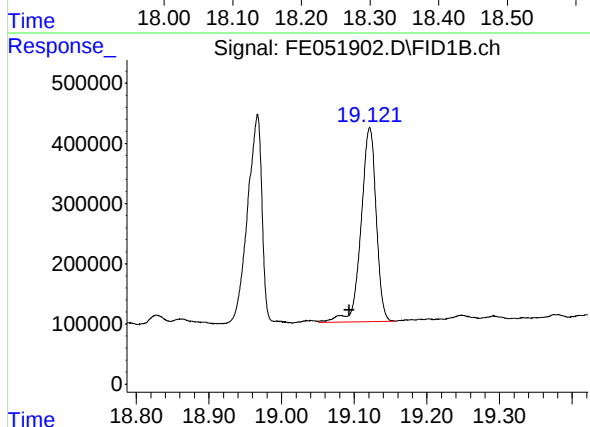
#17 n-Tricontane (C30)

R.T.: 18.290 min
Delta R.T.: 0.031 min
Response: 4876515
Conc: 37.09 ug/ml

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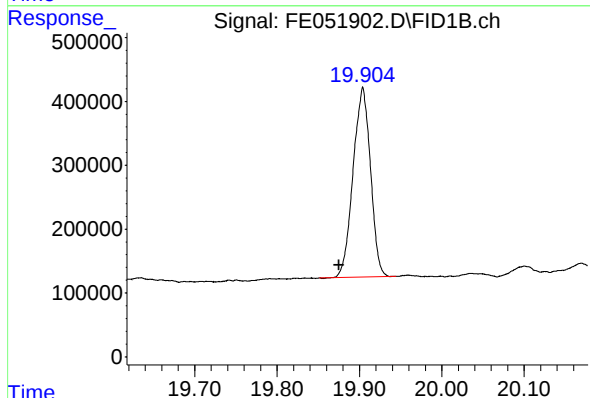
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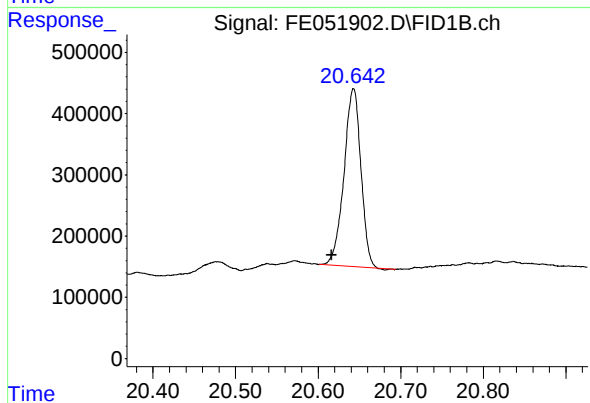
#18 n-Dotriacontane (C32)

R.T.: 19.121 min
Delta R.T.: 0.028 min
Response: 4672967
Conc: 36.82 ug/ml



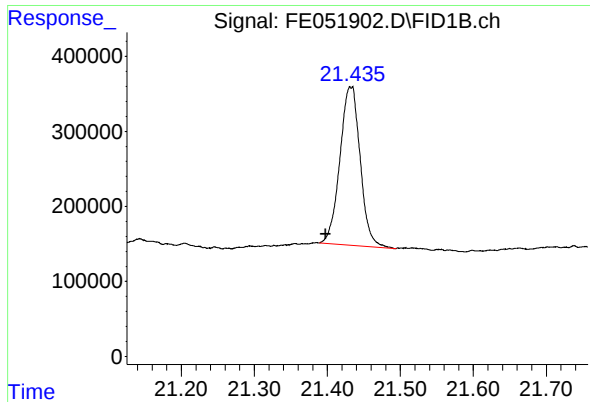
#19 n-Tetatriacontane (C34)

R.T.: 19.904 min
Delta R.T.: 0.029 min
Response: 4353989
Conc: 39.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.643 min
Delta R.T.: 0.026 min
Response: 4135826
Conc: 41.92 ug/ml



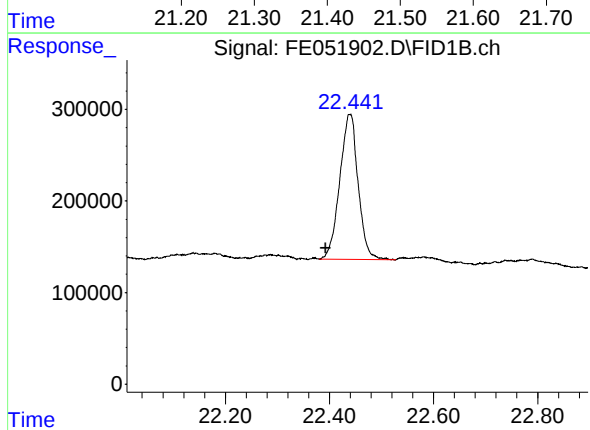
#21 n-Octatriacontane (C38)

R.T.: 21.435 min
Delta R.T.: 0.037 min
Response: 4084912
Conc: 43.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.439 min
Delta R.T.: 0.047 min
Response: 3886198
Conc: 42.22 ug/ml