

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121324AL\
 Data File : FE051653.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2024 15:33
 Operator : YP\AJ
 Sample : P5268-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-12122024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 14 00:51:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	12.001	4612184	29.835 ug/ml
Spiked Amount 50.000		Recovery =	59.67%
12) S 1-chlorooctadecane (S...	13.420	4132807	33.294 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
Target Compounds			
1) T n-Nonane (C9)	3.495	3418234	29.383 ug/ml
2) T n-Decane (C10)	4.724	3943709	33.021 ug/ml
3) T A~Naphthalene (C11.7)	6.406	5099535	37.838 ug/ml
4) T n-Dodecane (C12)	6.853	4639990	37.771 ug/ml
5) T A~2-methylnaphthalene...	7.486	5059533	38.160 ug/ml
6) T n-Tetradecane (C14)	8.661	5274259	42.033 ug/ml
7) T n-Hexadecane (C16)	10.251	5621033	41.821 ug/ml
8) T n-Octadecane (C18)	11.681	5785122	40.964 ug/ml
10) T n-Eicosane (C20)	12.979	6273133	44.492 ug/ml
11) T n-Heneicosane (C21)	13.585	5862855	41.294 ug/ml
13) T n-Docosane (C22)	14.166	5737958	40.323 ug/mlm
14) T n-Tetracosane (C24)	15.253	11463957	78.463 ug/ml
15) T n-Hexacosane (C26)	16.272	5424841	37.278 ug/mlm
16) T n-Octacosane (C28)	17.212	5602843	38.380 ug/ml
17) T n-Tricontane (C30)	18.094	5562593	36.484 ug/ml
18) T n-Dotriacontane (C32)	18.918	5057605	33.744 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5184122	39.496 ug/ml
20) T n-Hexatriacontane (C36)	20.429	5121128	44.161 ug/mlm
21) T n-Octatriacontane (C38)	21.165	5988179	58.157 ug/ml
22) T n-Tetracontane (C40)	22.084	5547631	55.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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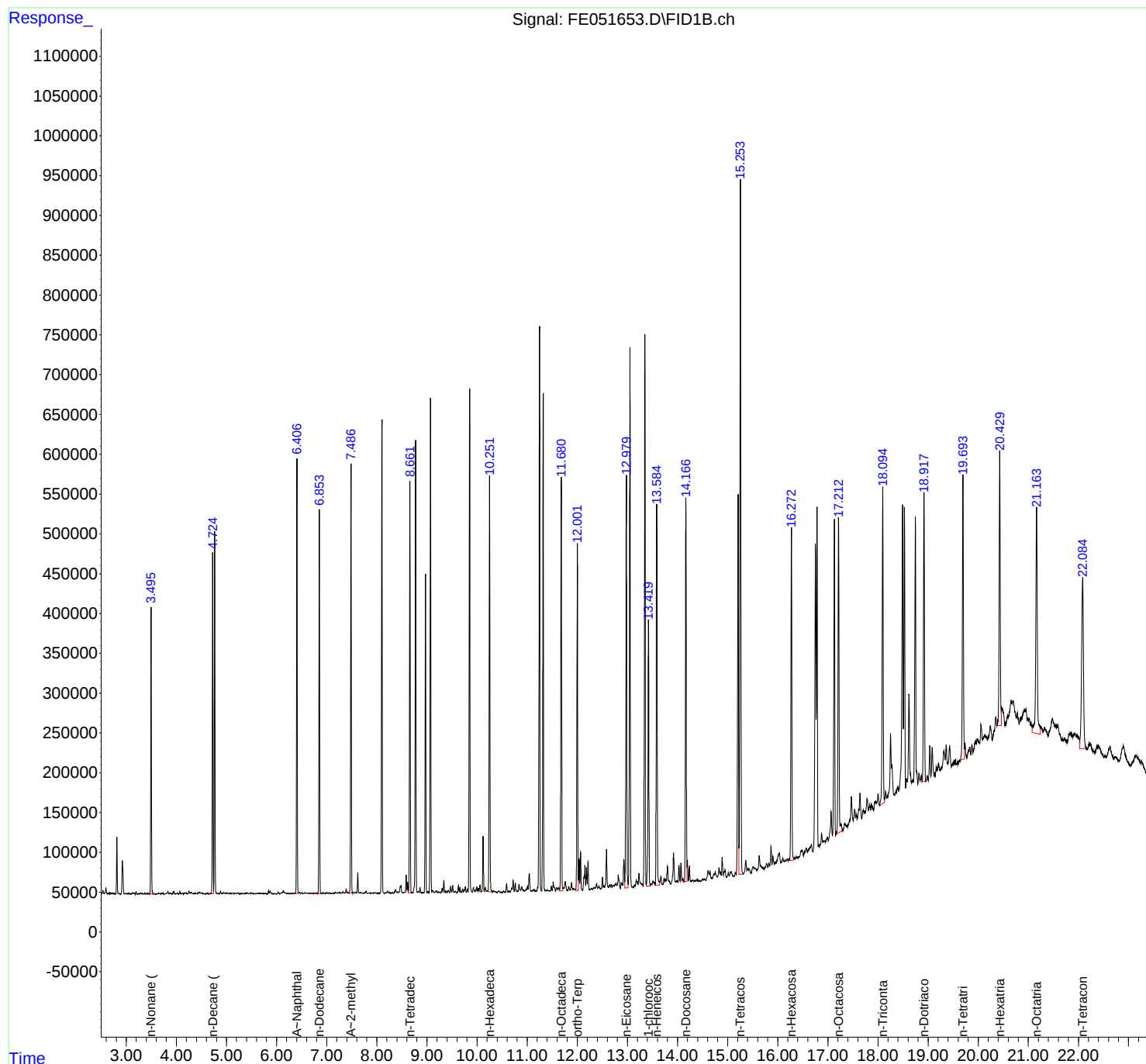
Instrument :
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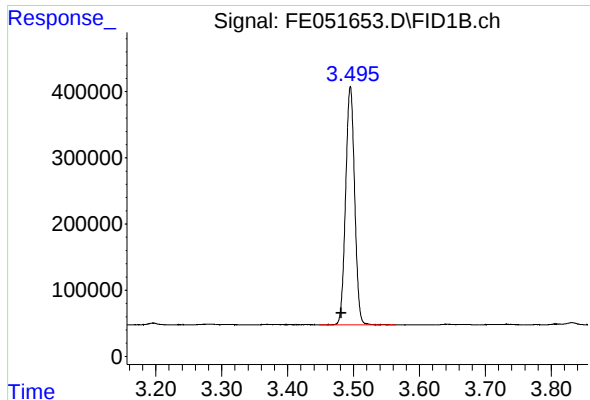
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#1 n-Nonane (C9)

R.T.: 3.495 min
Delta R.T.: 0.014 min
Response: 3418234
Conc: 29.38 ug/ml

Instrument :

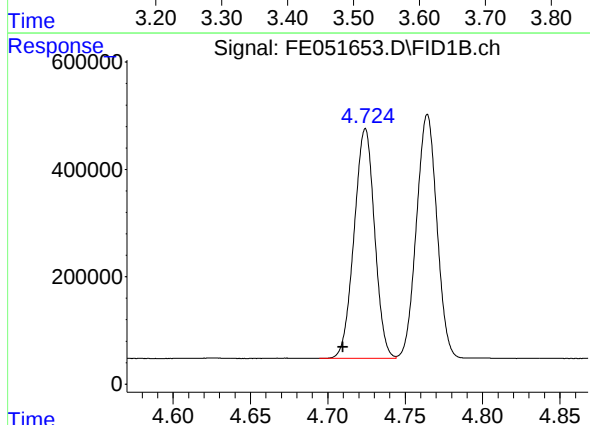
FID_E

ClientSampleId :

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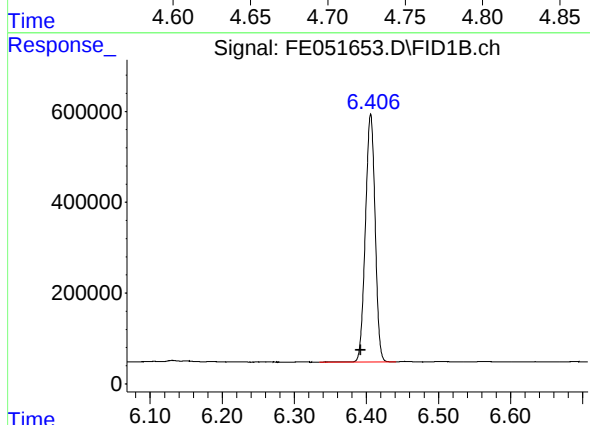
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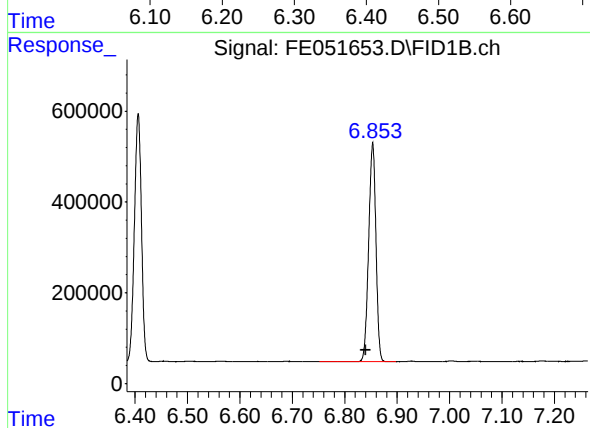
#2 n-Decane (C10)

R.T.: 4.724 min
Delta R.T.: 0.014 min
Response: 3943709
Conc: 33.02 ug/ml



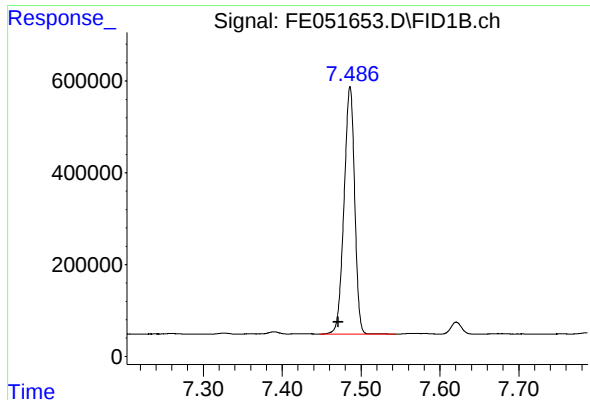
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.014 min
Response: 5099535
Conc: 37.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.014 min
Response: 4639990
Conc: 37.77 ug/ml



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

R.T.: 7.486 min
Delta R.T.: 0.015 min
Response: 5059533
Conc: 38.16 ug/ml

Instrument :

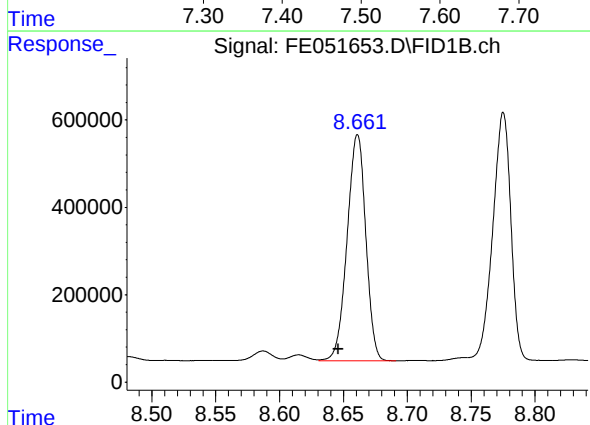
FID_E

ClientSampleId :

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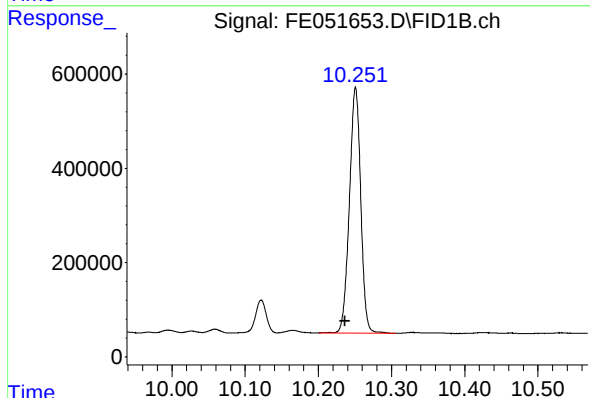
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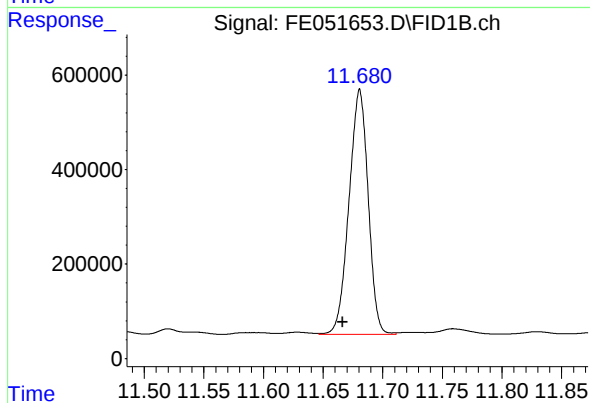
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.015 min
Response: 5274259
Conc: 42.03 ug/ml



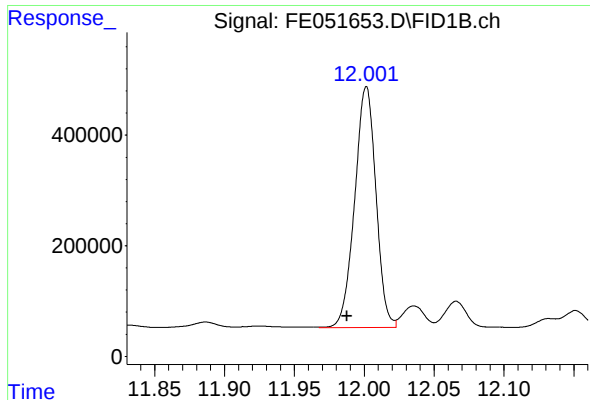
#7 n-Hexadecane (C16)

R.T.: 10.251 min
Delta R.T.: 0.015 min
Response: 5621033
Conc: 41.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.681 min
Delta R.T.: 0.014 min
Response: 5785122
Conc: 40.96 ug/ml



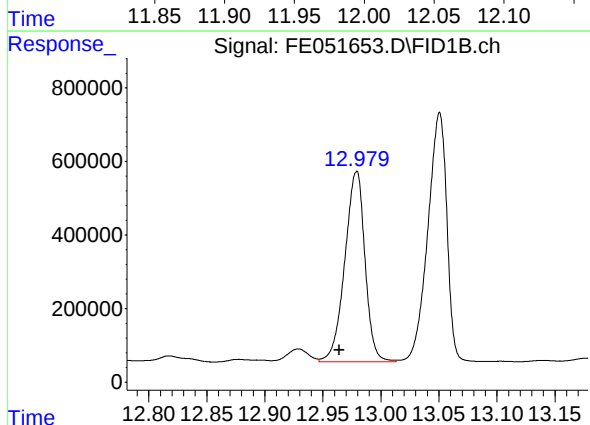
#9 ortho-Terphenyl (SURR)

R.T.: 12.001 min
Delta R.T.: 0.014 min
Response: 4612184
Conc: 29.83 ug/ml

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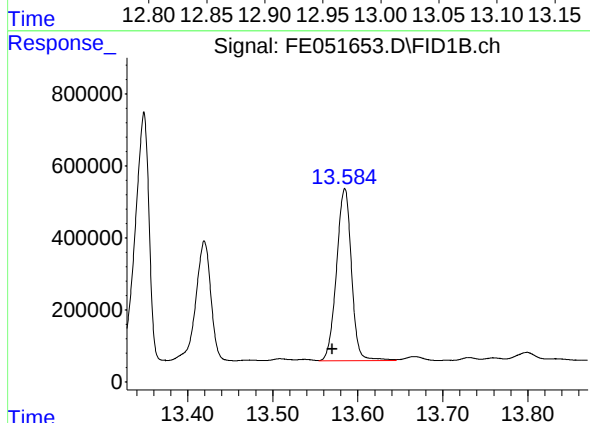
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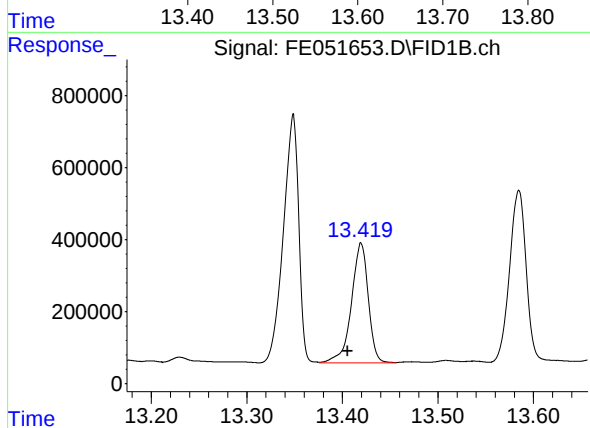
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.015 min
Response: 6273133
Conc: 44.49 ug/ml



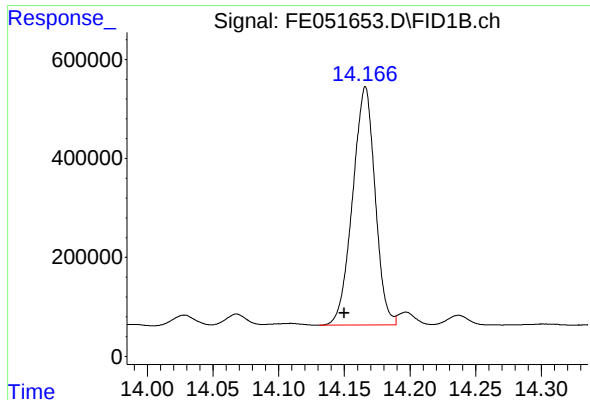
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.014 min
Response: 5862855
Conc: 41.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.014 min
Response: 4132807
Conc: 33.29 ug/ml



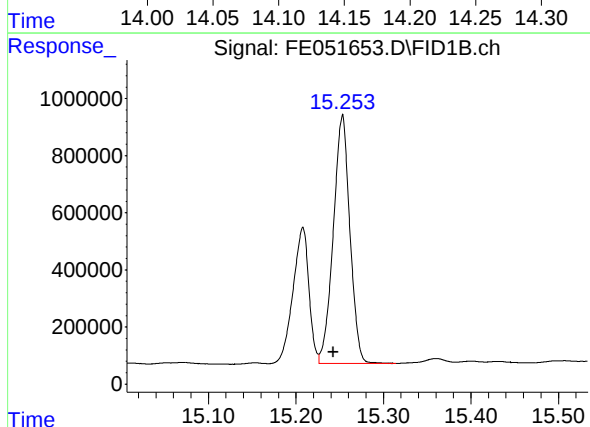
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.016 min
Response: 5737958
Conc: 40.32 ug/ml

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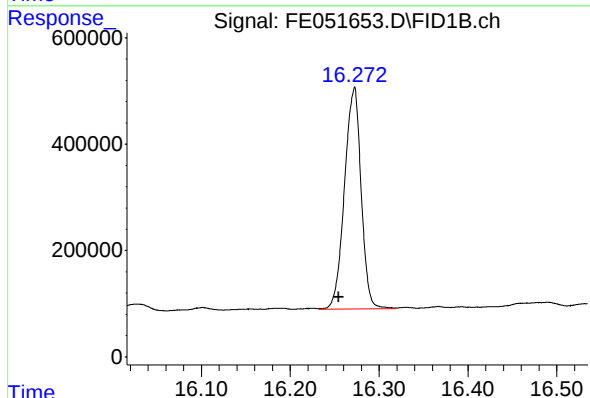
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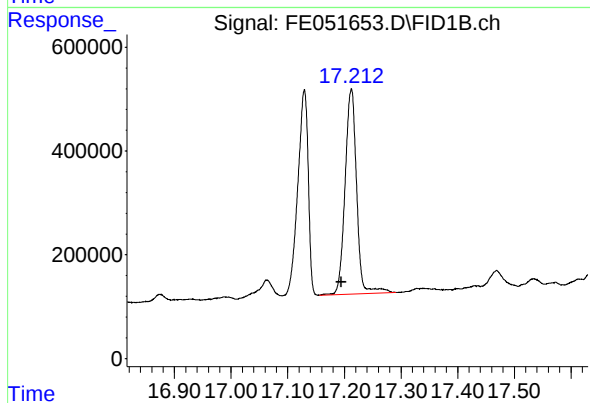
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.010 min
Response: 11463957
Conc: 78.46 ug/ml



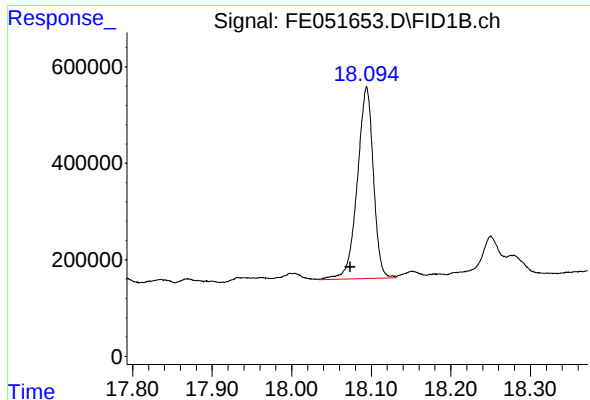
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.018 min
Response: 5424841
Conc: 37.28 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.018 min
Response: 5602843
Conc: 38.38 ug/ml



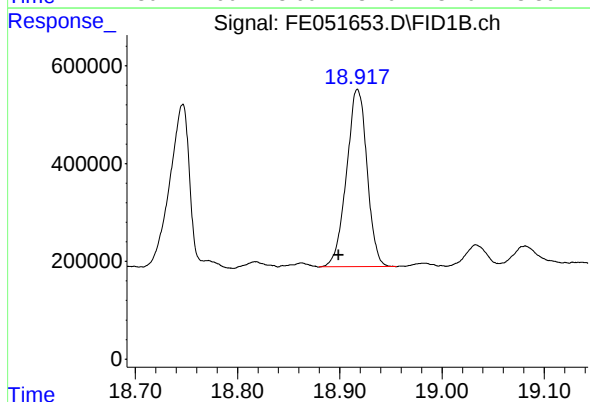
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: 0.020 min
Response: 5562593
Conc: 36.48 ug/ml

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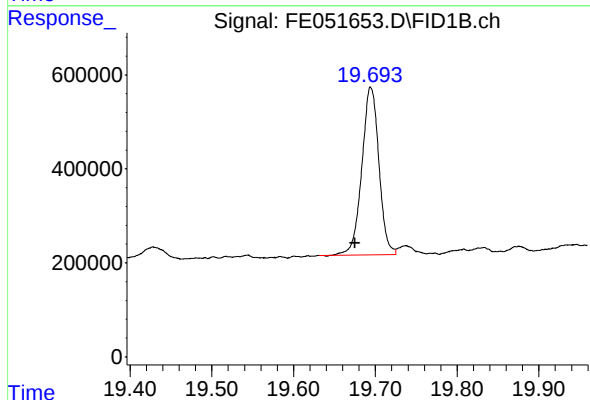
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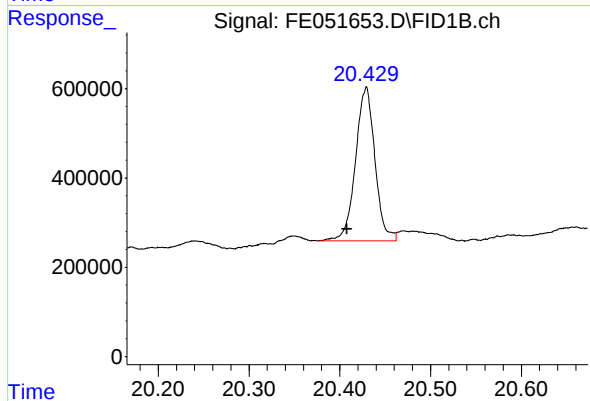
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.019 min
Response: 5057605
Conc: 33.74 ug/ml



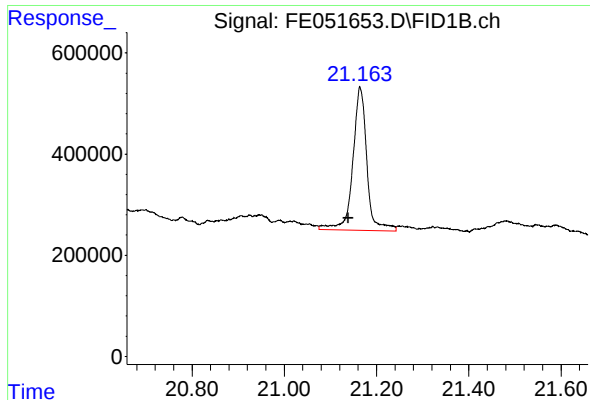
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.020 min
Response: 5184122
Conc: 39.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.021 min
Response: 5121128
Conc: 44.16 ug/ml m



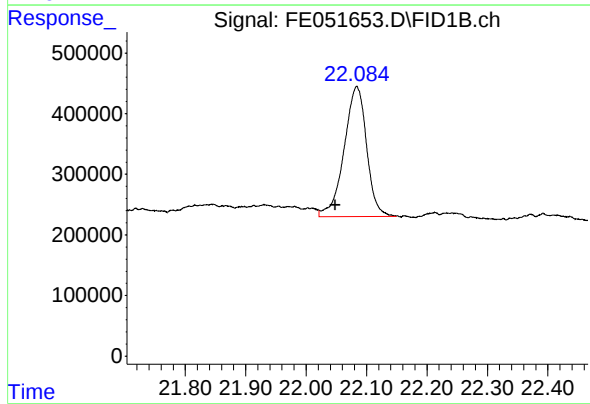
#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.026 min
Response: 5988179
Conc: 58.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.036 min
Response: 5547631
Conc: 55.40 ug/ml m