

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051970.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 16:49
 Operator : YP\AJ
 Sample : Q1132-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-1-011725MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 21 01:04:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.215	3848436	26.926 ug/ml
Spiked Amount 50.000		Recovery =	53.85%
12) S 1-chlorooctadecane (S...	13.578	4393006	38.295 ug/ml
Spiked Amount 50.000		Recovery =	76.59%
Target Compounds			
1) T n-Nonane (C9)	3.665f	2654978	24.903 ug/ml
2) T n-Decane (C10)	4.897	3087974	28.206 ug/ml
3) T A~Naphthalene (C11.7)	6.599	3965130	32.630 ug/ml
4) T n-Dodecane (C12)	7.035	3633161	32.190 ug/ml
5) T A~2-methylnaphthalene...	7.683	3954724	33.126 ug/ml
6) T n-Tetradecane (C14)	8.850	4181967	35.956 ug/ml
7) T n-Hexadecane (C16)	10.447	4357003	34.546 ug/ml
8) T n-Octadecane (C18)	11.884	4445050	33.597 ug/ml
10) T n-Eicosane (C20)	13.189	4603981	35.120 ug/ml
11) T n-Heneicosane (C21)	13.798	4354608	33.455 ug/ml
13) T n-Docosane (C22)	14.381	4366076	33.269 ug/ml
14) T n-Tetracosane (C24)	15.484	8326735	62.687 ug/mlm
15) T n-Hexacosane (C26)	16.497	4104798	31.053 ug/mlm
16) T n-Octacosane (C28)	17.445	4075518	30.879 ug/ml
17) T n-Tricontane (C30)	18.331	4287782	31.449 ug/mlm
18) T n-Dotriacontane (C32)	19.160	4090482	31.212 ug/mlm
19) T n-Tetratriacontane (C34)	19.941	3855054	34.242 ug/ml
20) T n-Hexatriacontane (C36)	20.677	3506695	36.920 ug/mlm
21) T n-Octatriacontane (C38)	21.477	3746698	43.373 ug/mlm
22) T n-Tetracontane (C40)	22.498	3450631	41.871 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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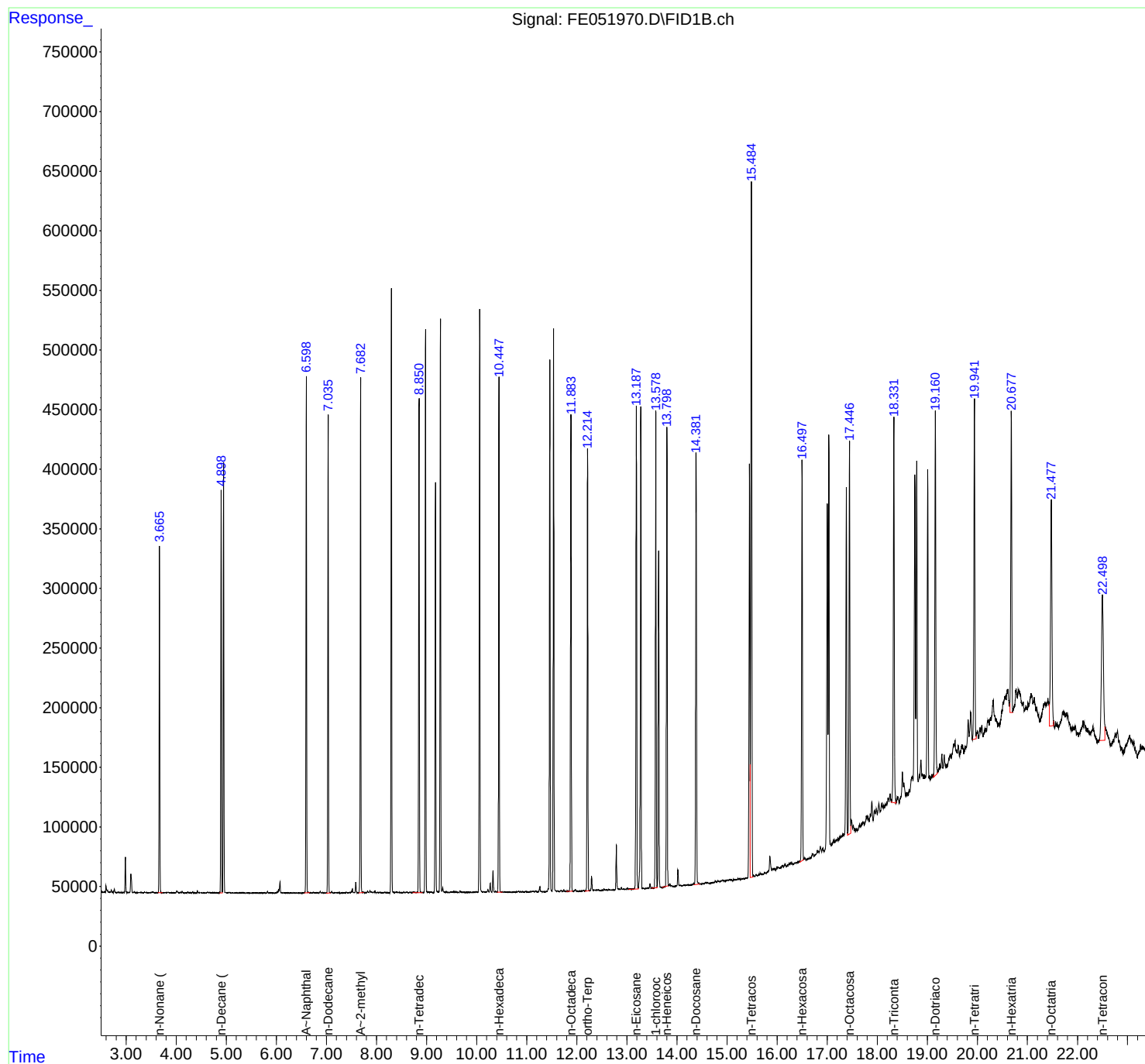
Instrument :
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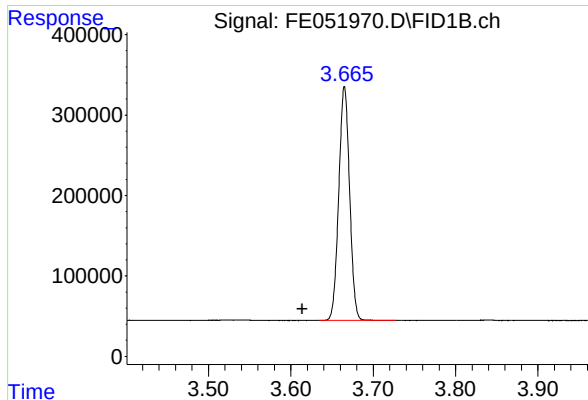
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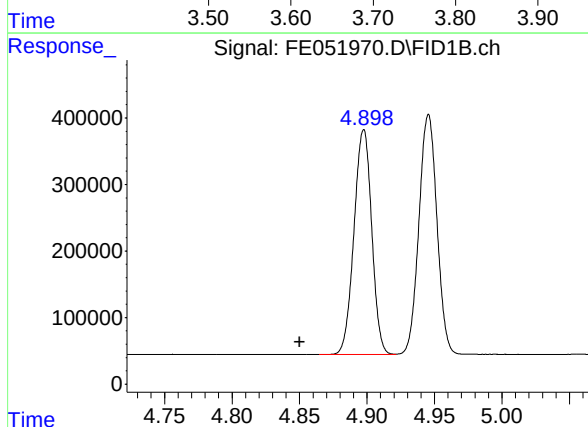
#1 n-Nonane (C9)

R.T.: 3.665 min
Delta R.T.: 0.051 min
Response: 2654978
Conc: 24.90 ug/ml

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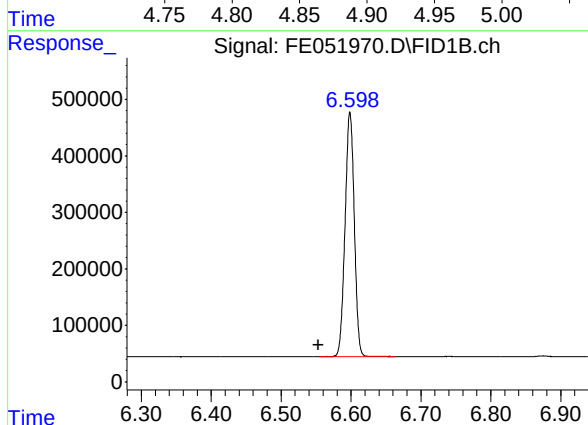
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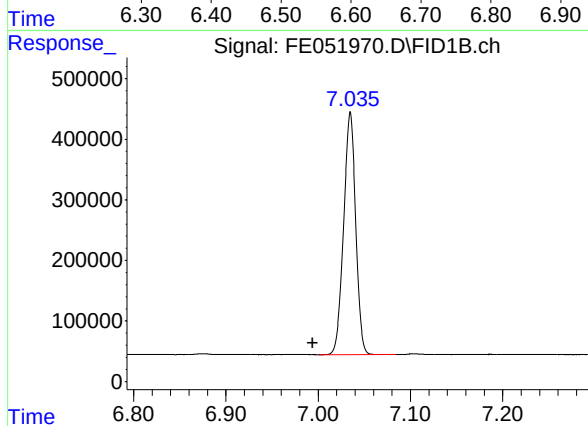
#2 n-Decane (C10)

R.T.: 4.897 min
Delta R.T.: 0.047 min
Response: 3087974
Conc: 28.21 ug/ml



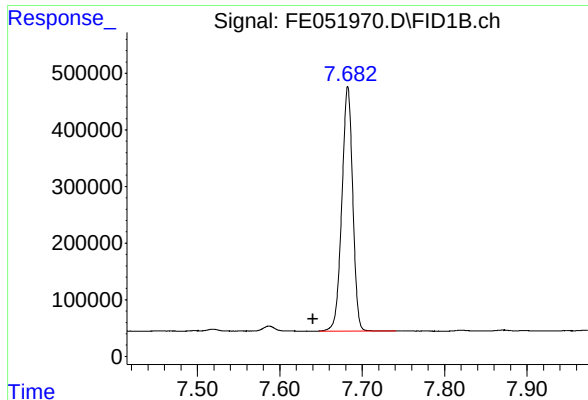
#3 A~Naphthalene (C11.7)

R.T.: 6.599 min
Delta R.T.: 0.045 min
Response: 3965130
Conc: 32.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.035 min
Delta R.T.: 0.040 min
Response: 3633161
Conc: 32.19 ug/ml



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

R.T.: 7.683 min
Delta R.T.: 0.042 min
Response: 3954724
Conc: 33.13 ug/ml

Instrument :

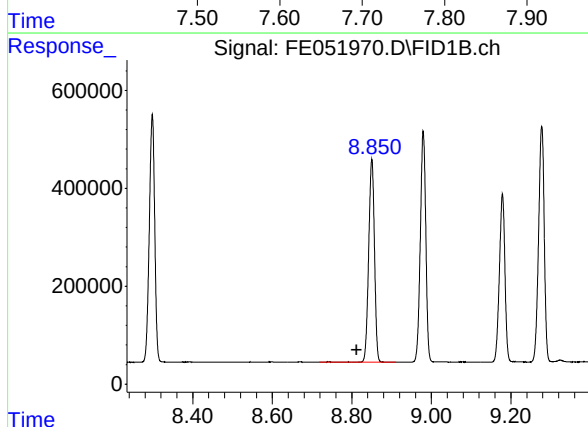
FID_E

ClientSampleId :

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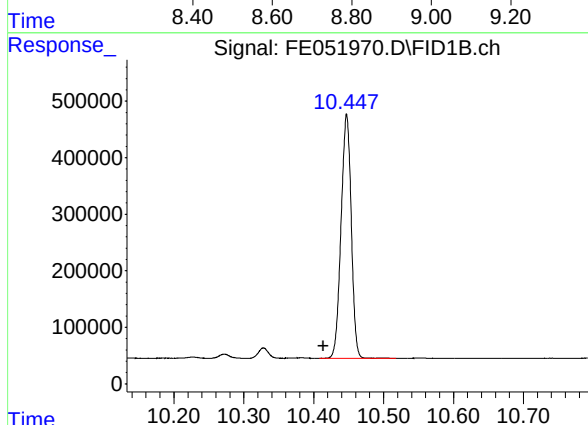
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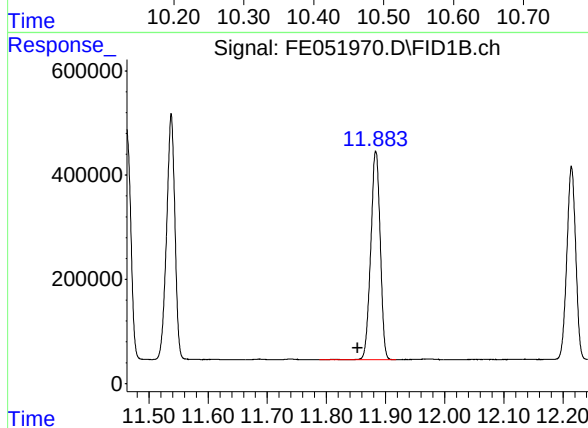
#6 n-Tetradecane (C14)

R.T.: 8.850 min
Delta R.T.: 0.038 min
Response: 4181967
Conc: 35.96 ug/ml



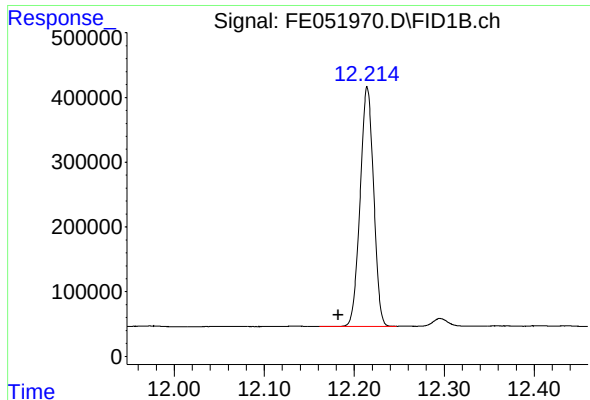
#7 n-Hexadecane (C16)

R.T.: 10.447 min
Delta R.T.: 0.034 min
Response: 4357003
Conc: 34.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.884 min
Delta R.T.: 0.031 min
Response: 4445050
Conc: 33.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.215 min
Delta R.T.: 0.032 min
Response: 3848436
Conc: 26.93 ug/ml

Instrument :

FID_E

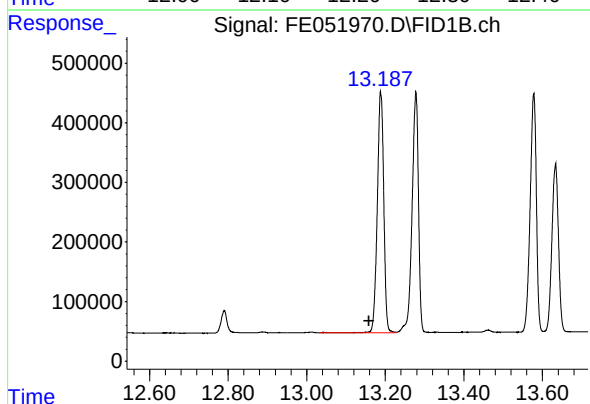
ClientSampleId :

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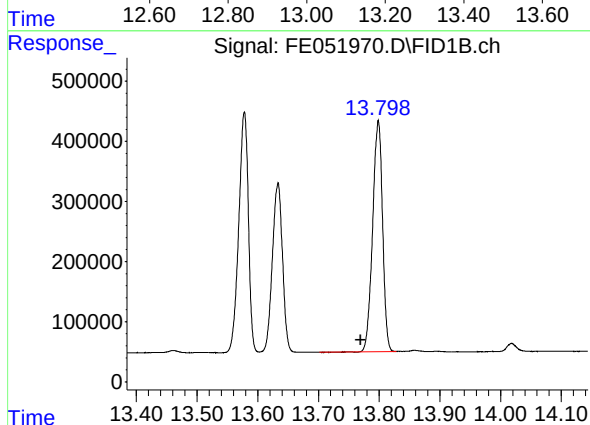
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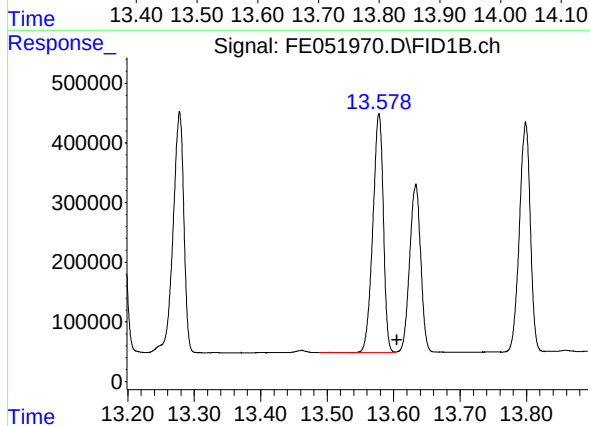
#10 n-Eicosane (C20)

R.T.: 13.189 min
Delta R.T.: 0.030 min
Response: 4603981
Conc: 35.12 ug/ml



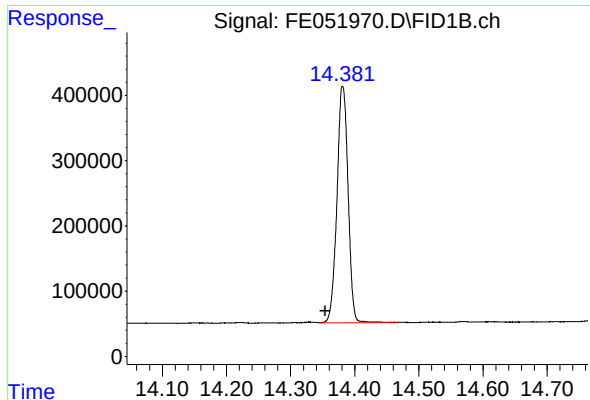
#11 n-Heneicosane (C21)

R.T.: 13.798 min
Delta R.T.: 0.029 min
Response: 4354608
Conc: 33.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.578 min
Delta R.T.: -0.027 min
Response: 4393006
Conc: 38.30 ug/ml



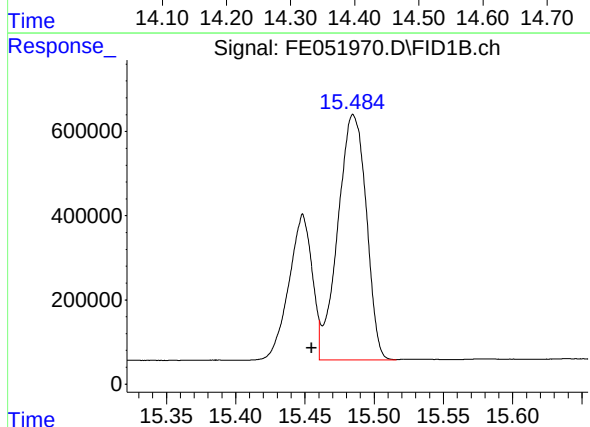
#13 n-Docosane (C22)

R.T.: 14.381 min
Delta R.T.: 0.027 min
Response: 4366076
Conc: 33.27 ug/ml

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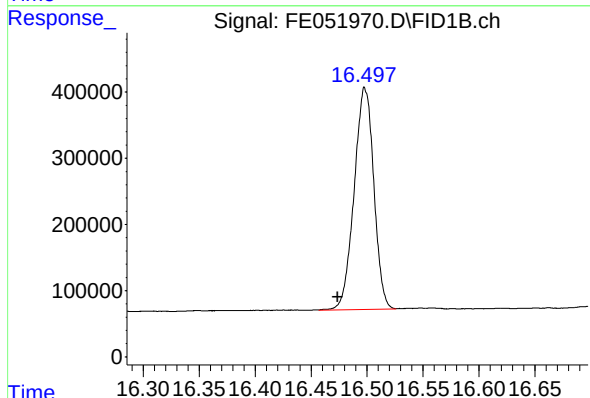
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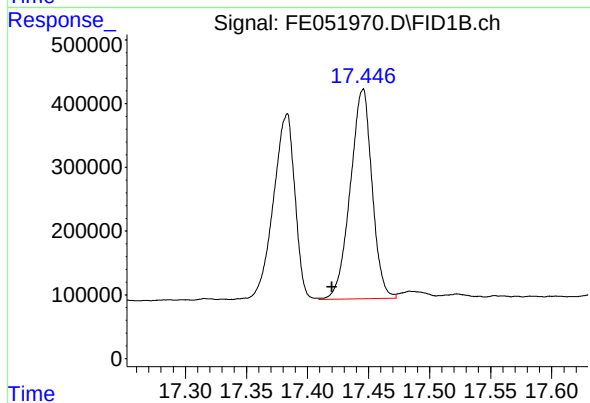
#14 n-Tetracosane (C24)

R.T.: 15.484 min
Delta R.T.: 0.029 min
Response: 8326735
Conc: 62.69 ug/ml



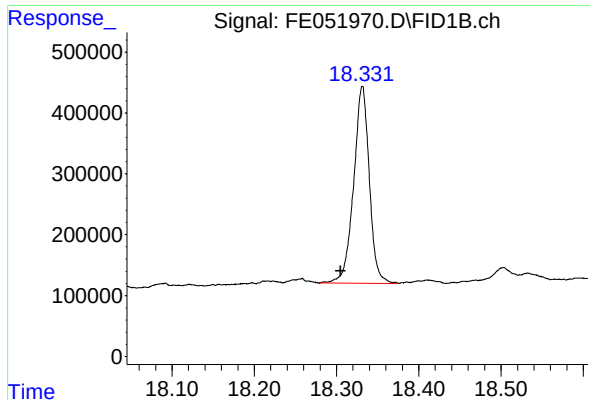
#15 n-Hexacosane (C26)

R.T.: 16.497 min
Delta R.T.: 0.023 min
Response: 4104798
Conc: 31.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.445 min
Delta R.T.: 0.025 min
Response: 4075518
Conc: 30.88 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.331 min
Delta R.T.: 0.026 min
Response: 4287782
Conc: 31.45 ug/ml

Instrument :

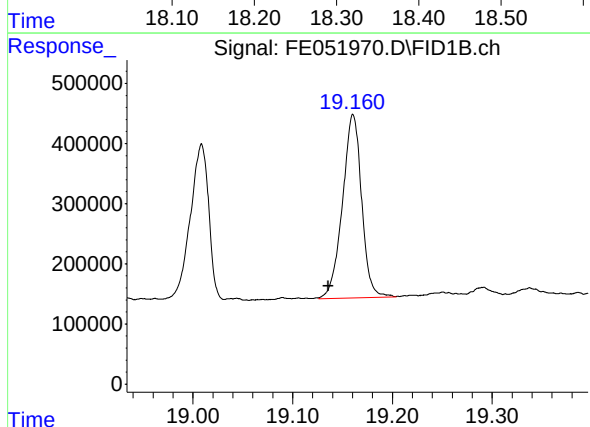
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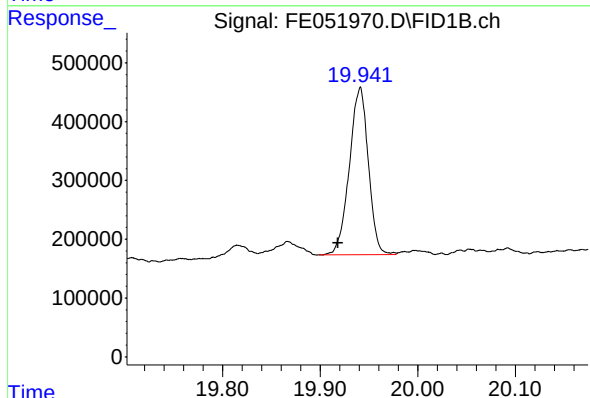
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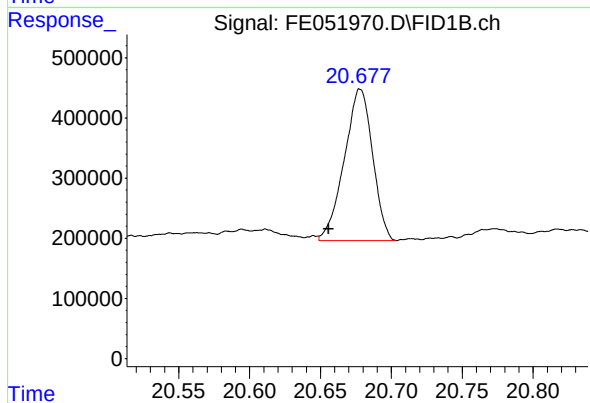
#18 n-Dotriacontane (C32)

R.T.: 19.160 min
Delta R.T.: 0.024 min
Response: 4090482
Conc: 31.21 ug/ml m



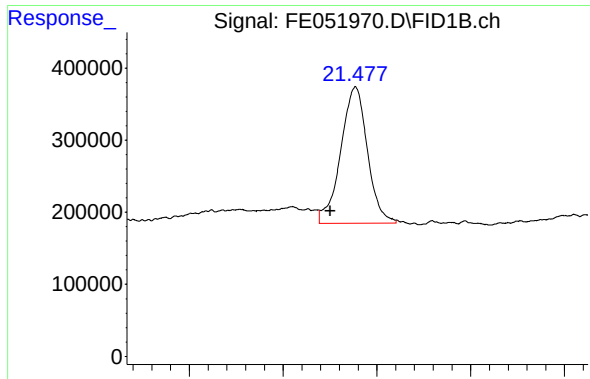
#19 n-Tetratriacontane (C34)

R.T.: 19.941 min
Delta R.T.: 0.022 min
Response: 3855054
Conc: 34.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.677 min
Delta R.T.: 0.021 min
Response: 3506695
Conc: 36.92 ug/ml m



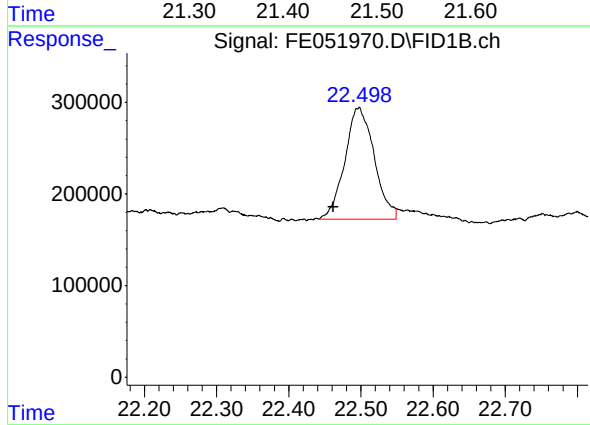
#21 n-Octatriacontane (C38)

R.T.: 21.477 min
Delta R.T.: 0.027 min
Response: 3746698
Conc: 43.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.498 min
Delta R.T.: 0.036 min
Response: 3450631
Conc: 41.87 ug/ml m