

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051670.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 14:40
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 17 15:03:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 14:51:34 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)	12.010	897997	5.765 ug/ml
Spiked Amount 50.000		Recovery =	11.53%
12) S 1-chlorooctadecane (S...	13.431	717426	5.890 ug/ml
Spiked Amount 50.000		Recovery =	11.78%
Target Compounds			
1) T n-Nonane (C9)	3.487	671851	5.783 ug/ml
2) T n-Decane (C10)	4.719	695526	5.765 ug/ml
3) T A~Naphthalene (C11.7)	6.404	793736	5.733 ug/ml
4) T n-Dodecane (C12)	6.852	724146	5.727 ug/ml
5) T A~2-methylnaphthalene...	7.485	786852	5.720 ug/ml
6) T n-Tetradecane (C14)	8.662	744401	5.709 ug/ml
7) T n-Hexadecane (C16)	10.257	794681	5.721 ug/ml
8) T n-Octadecane (C18)	11.688	820809	5.731 ug/ml
10) T n-Eicosane (C20)	12.989	807514	5.790 ug/ml
11) T n-Heneicosane (C21)	13.596	799976	5.812 ug/ml
13) T n-Docosane (C22)	14.178	792370	5.800 ug/ml
14) T n-Tetracosane (C24)	15.273	788990	5.846 ug/ml
15) T n-Hexacosane (C26)	16.286	760192	5.829 ug/ml
16) T n-Octacosane (C28)	17.228	731502	5.804 ug/ml
17) T n-Tricontane (C30)	18.109	750468	5.867 ug/ml
18) T n-Dotriacontane (C32)	18.936	718448	5.948 ug/ml
19) T n-Tetratriacontane (C34)	19.714	610533	5.706 ug/ml
20) T n-Hexatriacontane (C36)	20.448	503210	5.305 ug/mlm
21) T n-Octatriacontane (C38)	21.186	502056	5.741 ug/ml
22) T n-Tetracontane (C40)	22.107	549017	5.806 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE051670.D
Signal(s) : FID1B.ch
Acq On : 17 Dec 2024 14:40
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

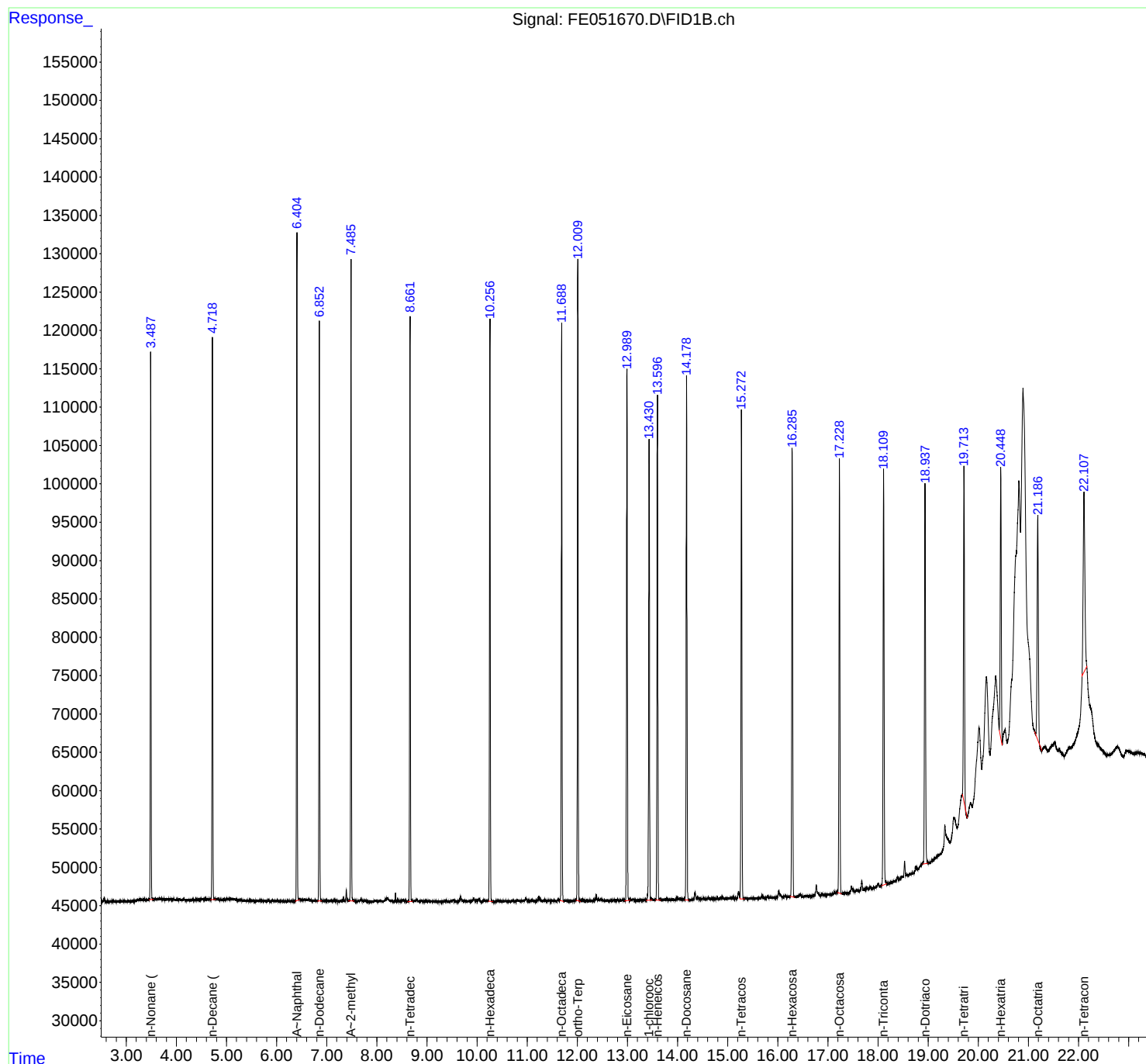
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

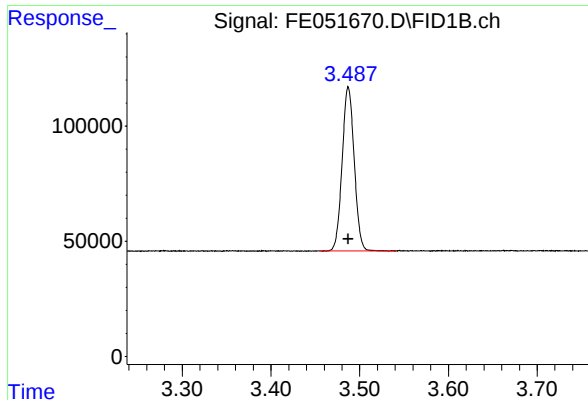
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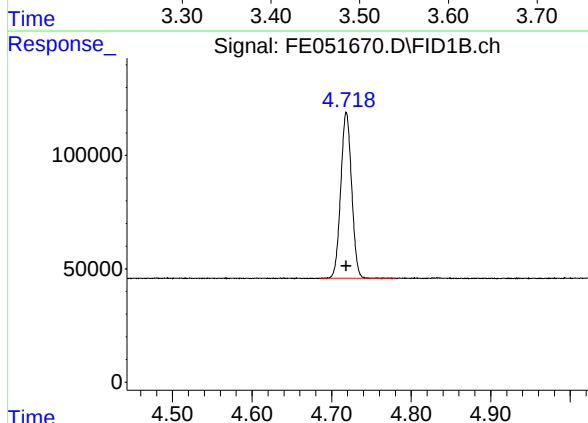
#1 n-Nonane (C9)

R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 671851
Conc: 5.78 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

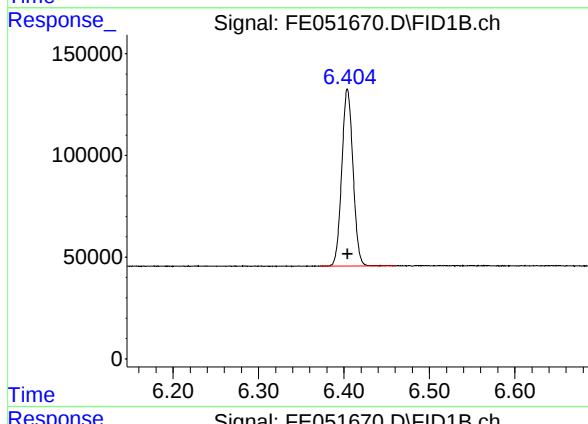
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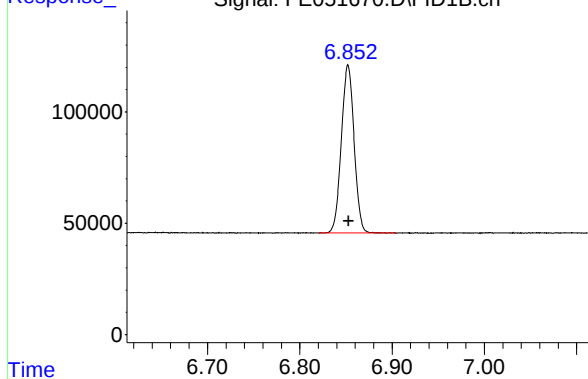
#2 n-Decane (C10)

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 695526
Conc: 5.77 ug/ml



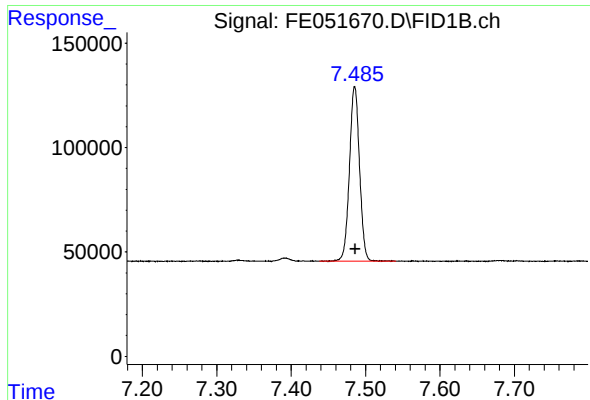
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 793736
Conc: 5.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 724146
Conc: 5.73 ug/ml



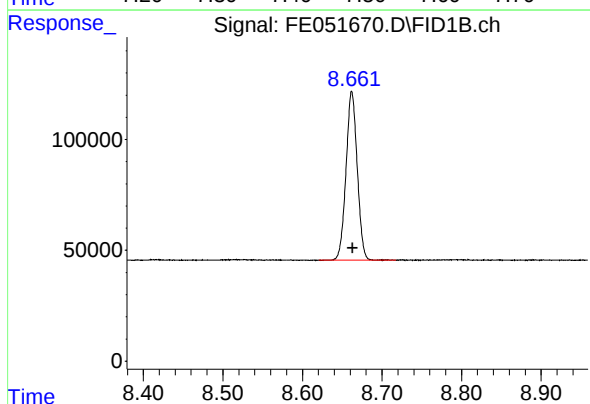
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 786852
Conc: 5.72 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

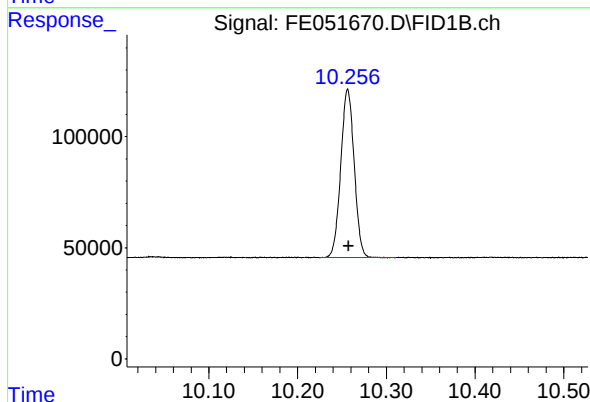
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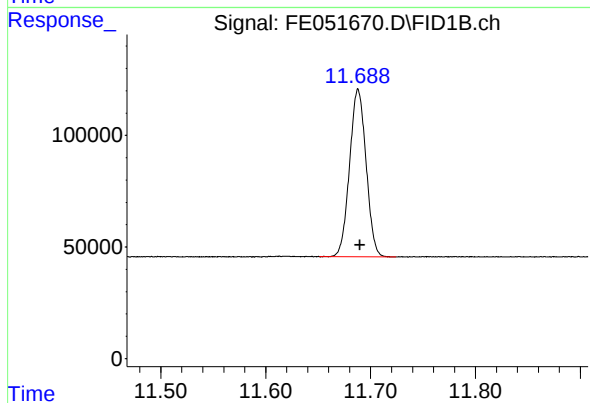
#6 n-Tetradecane (C14)

R.T.: 8.662 min
Delta R.T.: -0.001 min
Response: 744401
Conc: 5.71 ug/ml



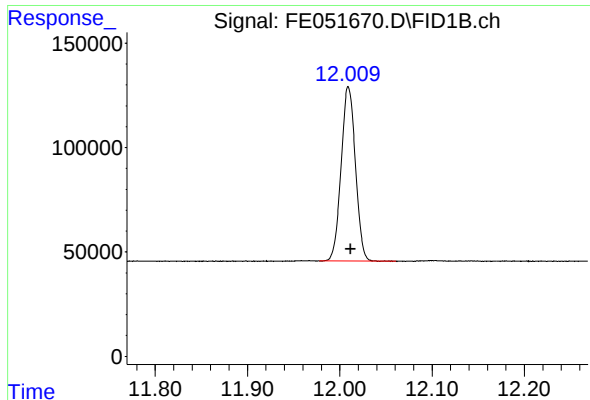
#7 n-Hexadecane (C16)

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 794681
Conc: 5.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.688 min
Delta R.T.: -0.002 min
Response: 820809
Conc: 5.73 ug/ml



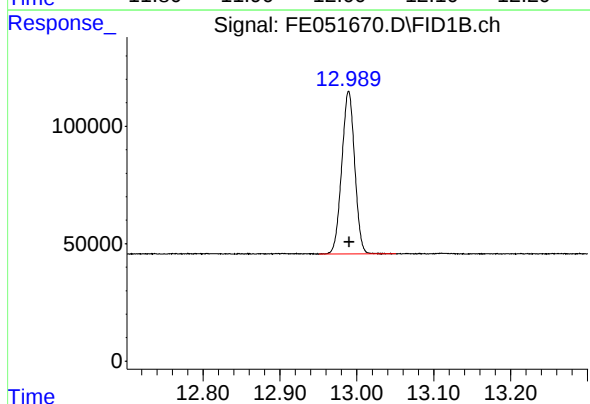
#9 ortho-Terphenyl (SURR)

R.T.: 12.010 min
Delta R.T.: -0.002 min
Response: 897997
Conc: 5.76 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

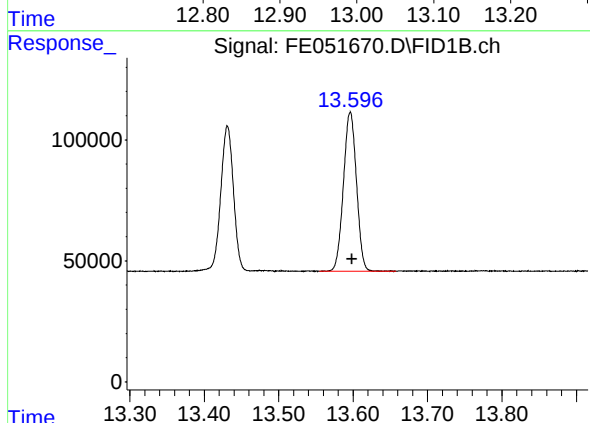
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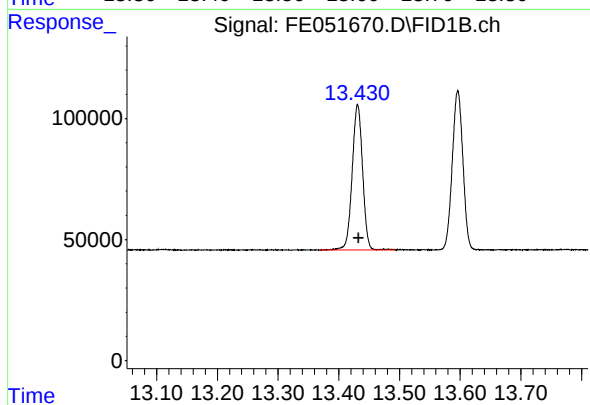
#10 n-Eicosane (C20)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 807514
Conc: 5.79 ug/ml



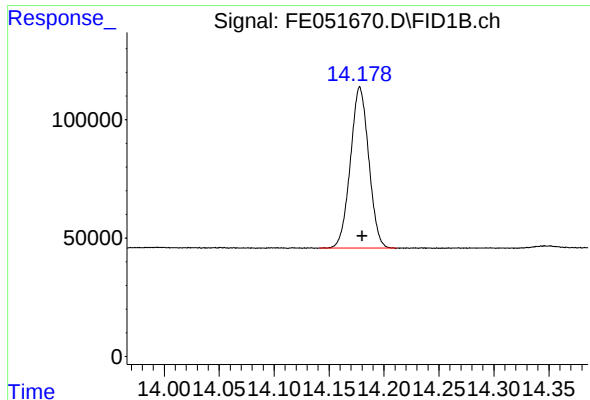
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.002 min
Response: 799976
Conc: 5.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.431 min
Delta R.T.: -0.002 min
Response: 717426
Conc: 5.89 ug/ml



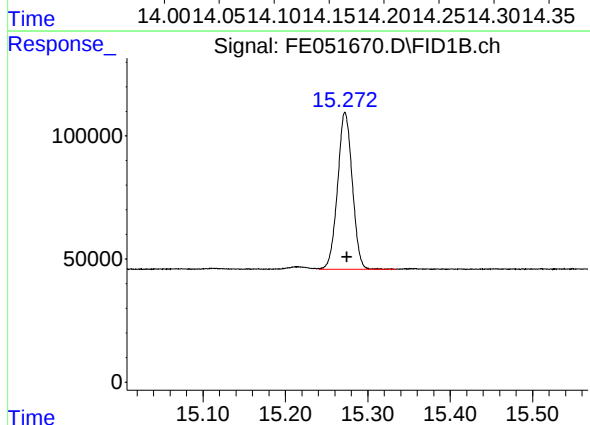
#13 n-Docosane (C22)

R.T.: 14.178 min
Delta R.T.: -0.002 min
Response: 792370
Conc: 5.80 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

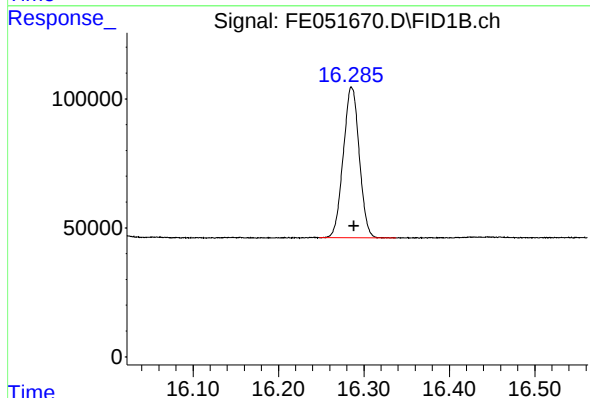
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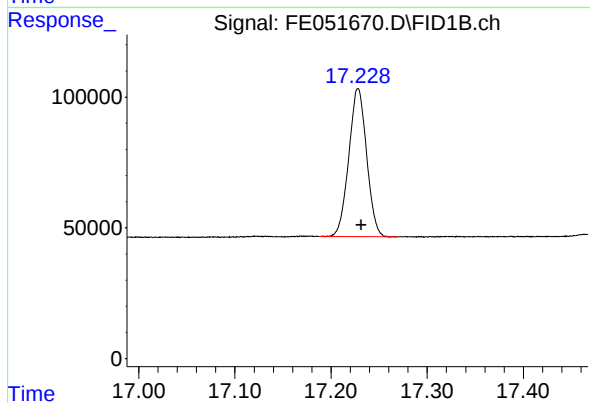
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: -0.002 min
Response: 788990
Conc: 5.85 ug/ml



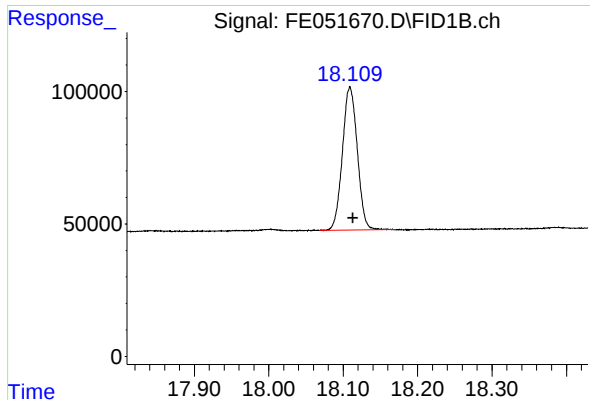
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.003 min
Response: 760192
Conc: 5.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: -0.003 min
Response: 731502
Conc: 5.80 ug/ml



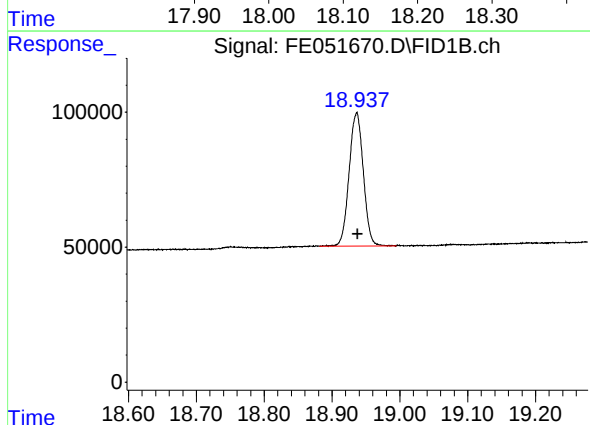
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.004 min
Response: 750468
Conc: 5.87 ug/ml

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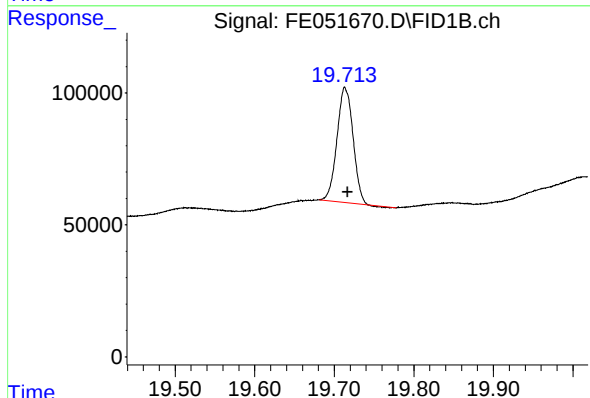
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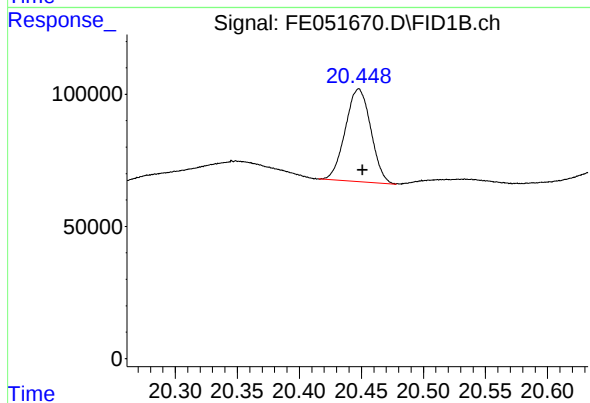
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.002 min
Response: 718448
Conc: 5.95 ug/ml



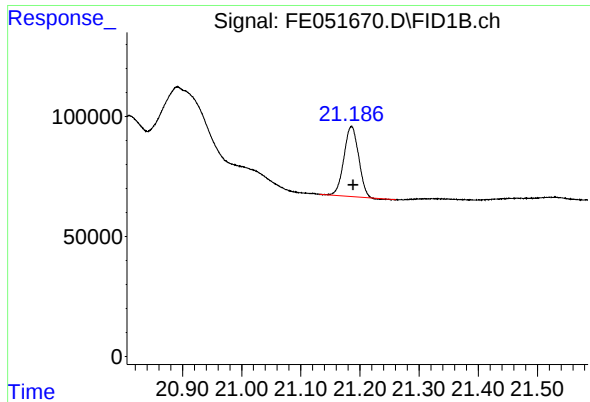
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 610533
Conc: 5.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.003 min
Response: 503210
Conc: 5.31 ug/ml m



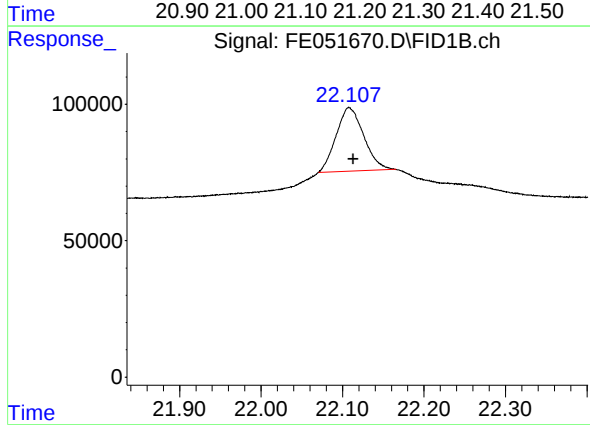
#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.003 min
Response: 502056
Conc: 5.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.006 min
Response: 549017
Conc: 5.81 ug/ml m