

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051640.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 15:23
 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 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 12 15:48:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:48:00 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)	11.988	847846	5.484 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
12) S 1-chlorooctadecane (S...	13.406	680908	5.485 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
Target Compounds			
1) T n-Nonane (C9)	3.481	641671	5.516 ug/ml
2) T n-Decane (C10)	4.710	659848	5.525 ug/ml
3) T A~Naphthalene (C11.7)	6.392	744263	5.522 ug/ml
4) T n-Dodecane (C12)	6.840	678843	5.526 ug/ml
5) T A~2-methylnaphthalene...	7.471	728287	5.493 ug/ml
6) T n-Tetradecane (C14)	8.646	692137	5.516 ug/ml
7) T n-Hexadecane (C16)	10.236	737765	5.494 ug/mlm
8) T n-Octadecane (C18)	11.667	777083	5.502 ug/ml
10) T n-Eicosane (C20)	12.964	776313	5.506 ug/ml
11) T n-Heneicosane (C21)	13.570	785353	5.531 ug/ml
13) T n-Docosane (C22)	14.150	781542	5.492 ug/ml
14) T n-Tetracosane (C24)	15.243	802408	5.492 ug/ml
15) T n-Hexacosane (C26)	16.254	794134	5.457 ug/ml
16) T n-Octacosane (C28)	17.194	808529	5.538 ug/ml
17) T n-Tricontane (C30)	18.074	886702	5.816 ug/ml
18) T n-Dotriacontane (C32)	18.899	888745	5.930 ug/ml
19) T n-Tetratriacontane (C34)	19.675	768076	5.852 ug/ml
20) T n-Hexatriacontane (C36)	20.408	656118	5.658 ug/ml
21) T n-Octatriacontane (C38)	21.139	567398	5.511 ug/ml
22) T n-Tetracontane (C40)	22.048	522604	5.219 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
Data File : FE051640.D
Signal(s) : FID1B.ch
Acq On : 12 Dec 2024 15:23
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

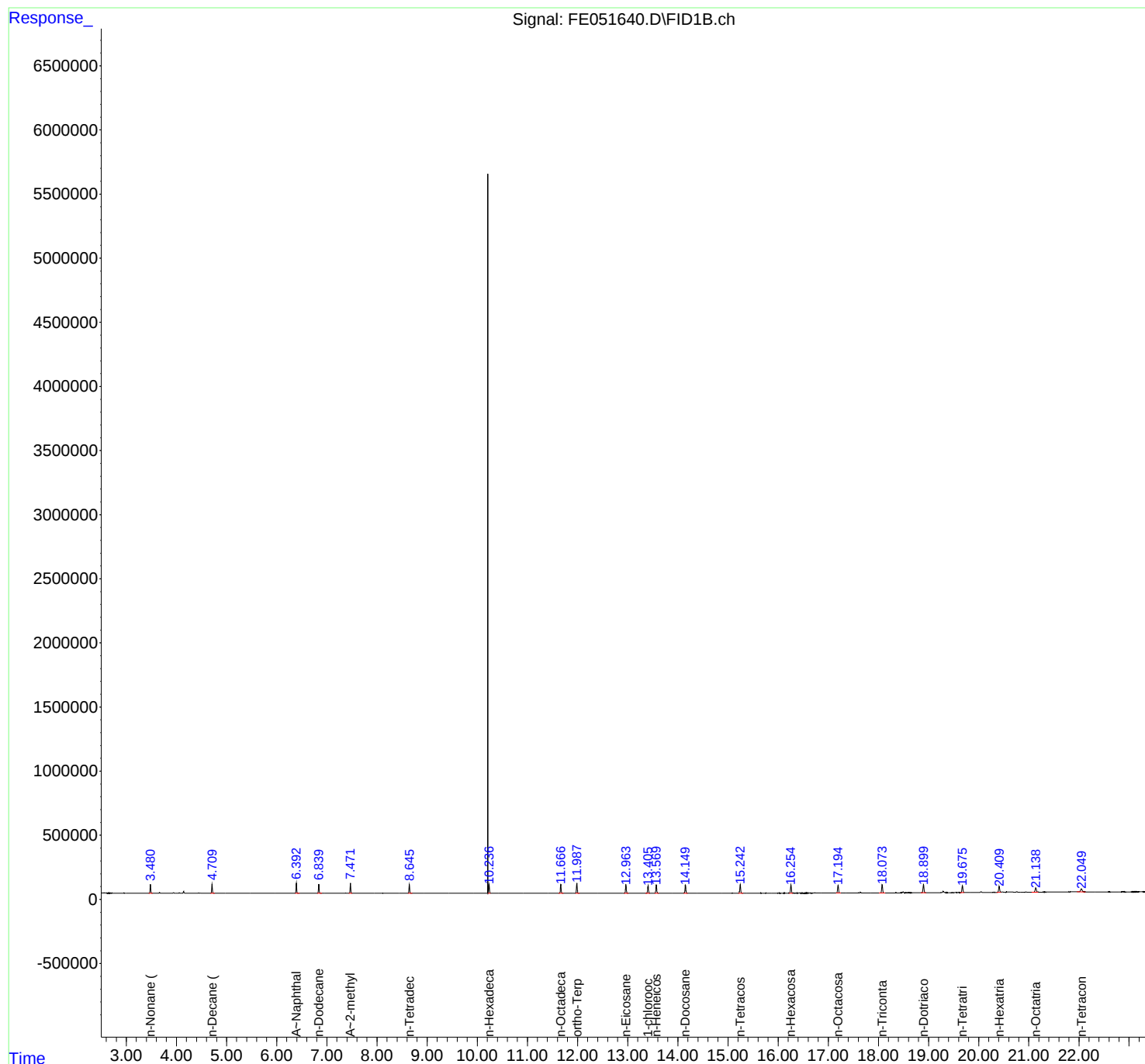
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

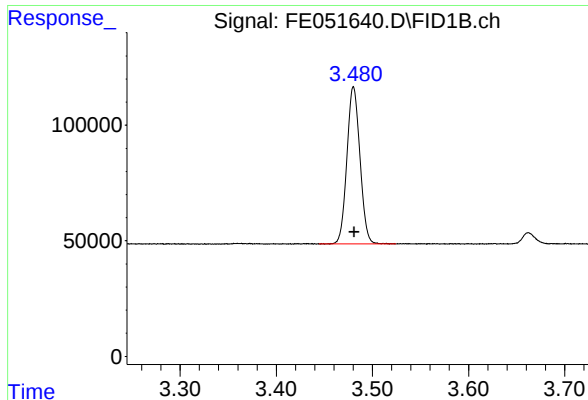
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.
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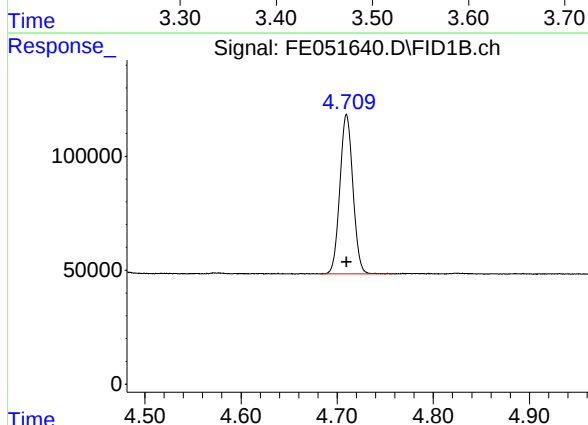
#1 n-Nonane (C9)

R.T.: 3.481 min
Delta R.T.: 0.000 min
Response: 641671
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

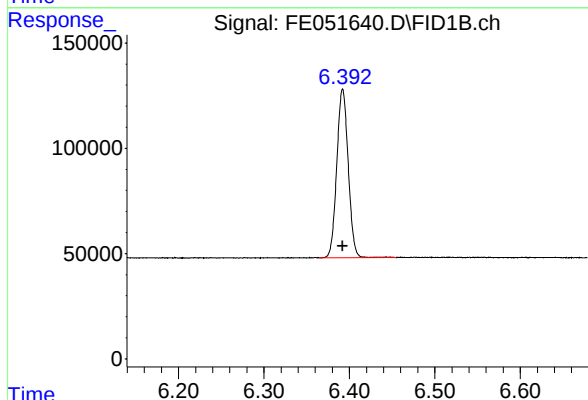
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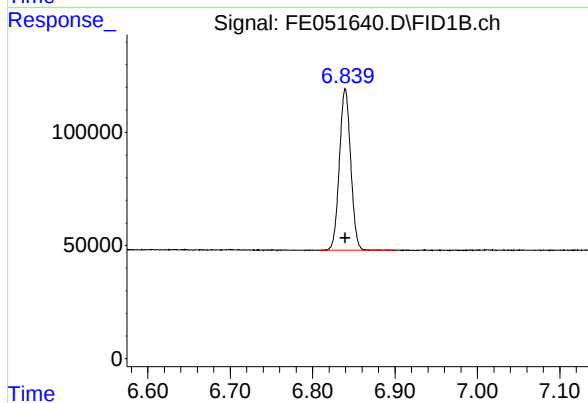
#2 n-Decane (C10)

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 659848
Conc: 5.52 ug/ml



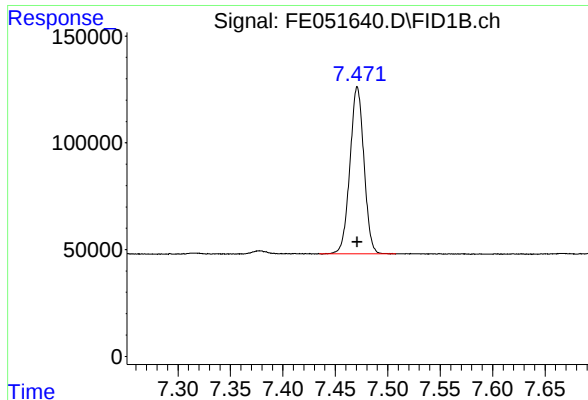
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 744263
Conc: 5.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 678843
Conc: 5.53 ug/ml



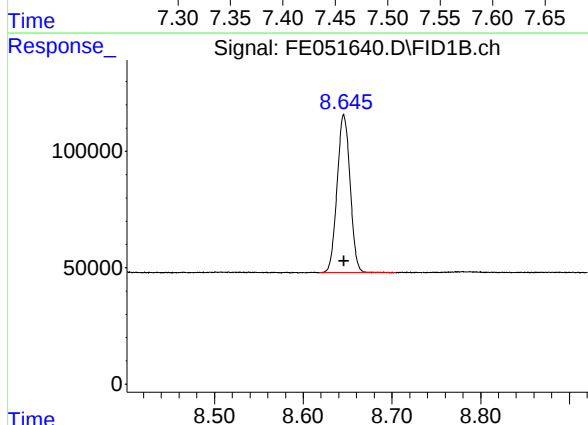
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 728287
Conc: 5.49 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

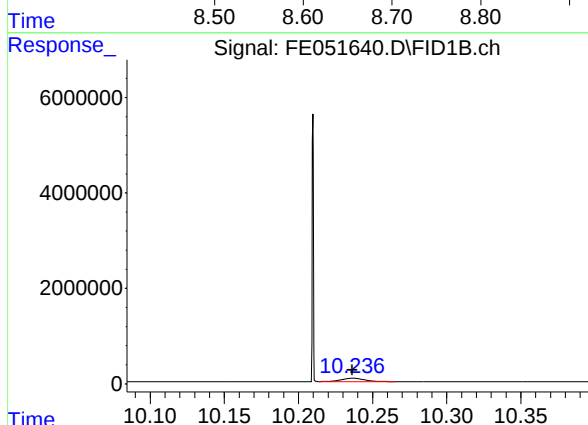
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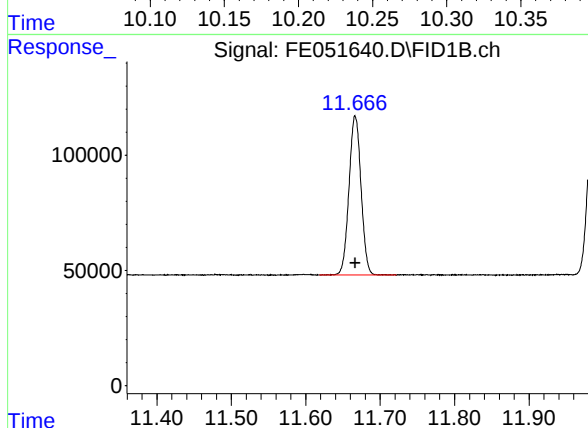
#6 n-Tetradecane (C14)

R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 692137
Conc: 5.52 ug/ml



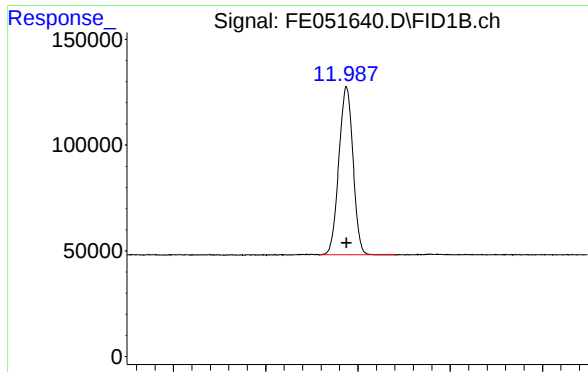
#7 n-Hexadecane (C16)

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 737765
Conc: 5.49 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 777083
Conc: 5.50 ug/ml



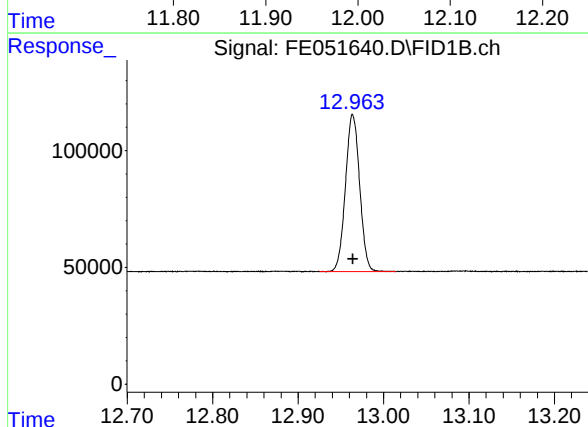
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.000 min
Response: 847846
Conc: 5.48 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

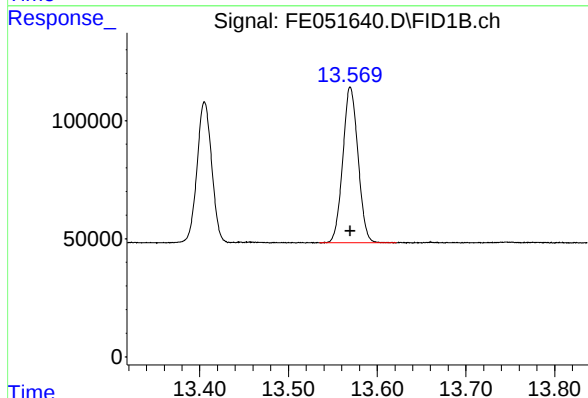
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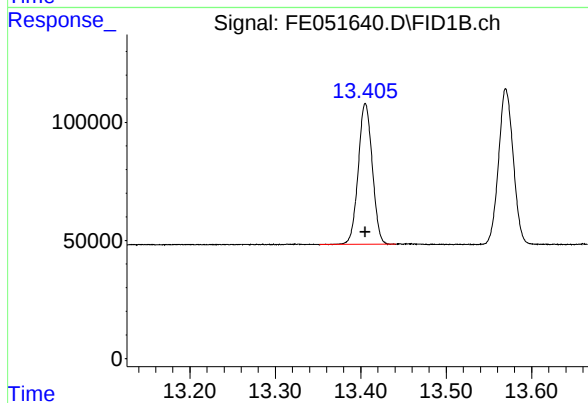
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 776313
Conc: 5.51 ug/ml



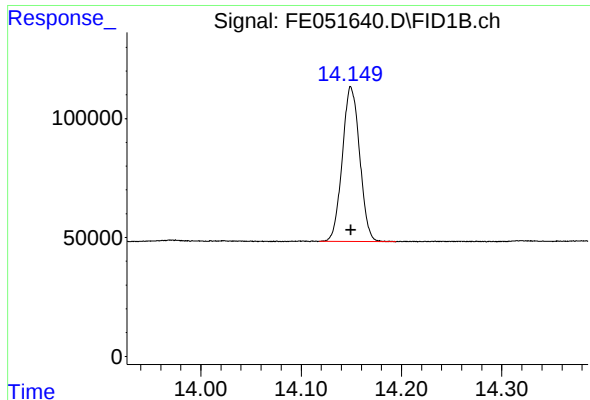
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 785353
Conc: 5.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 680908
Conc: 5.49 ug/ml



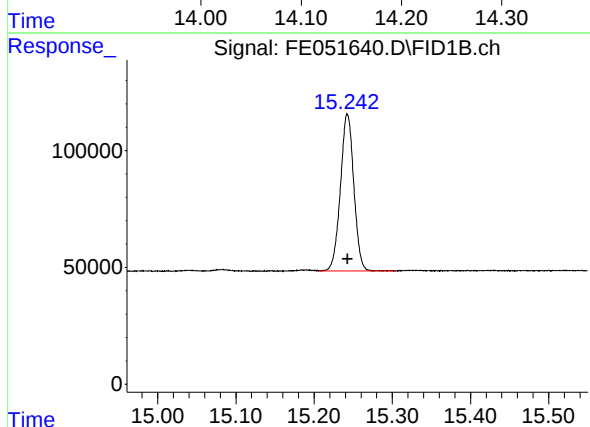
#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: 0.000 min
Response: 781542
Conc: 5.49 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

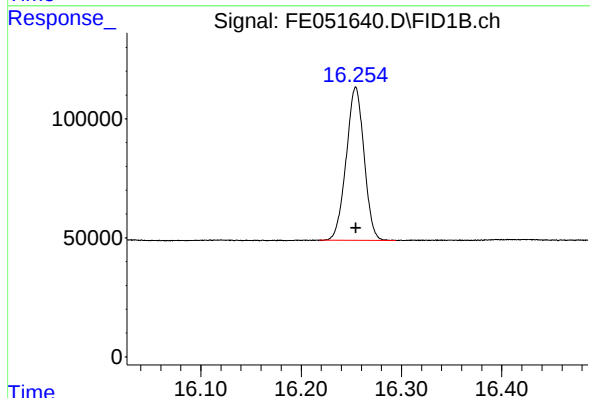
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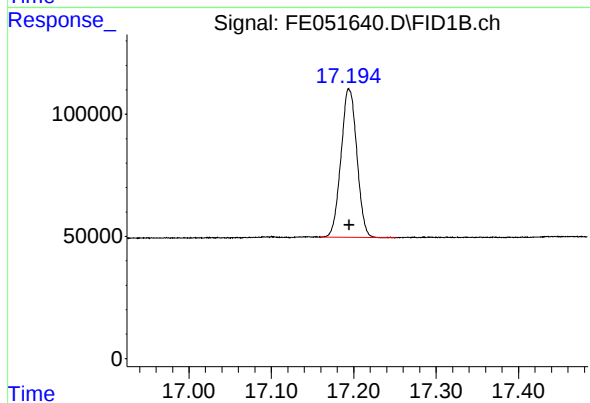
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 802408
Conc: 5.49 ug/ml



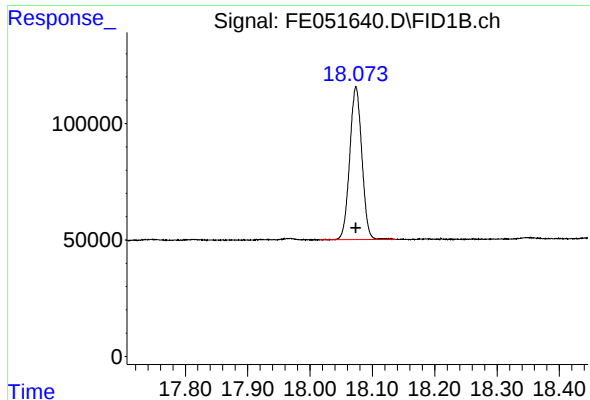
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 794134
Conc: 5.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 808529
Conc: 5.54 ug/ml



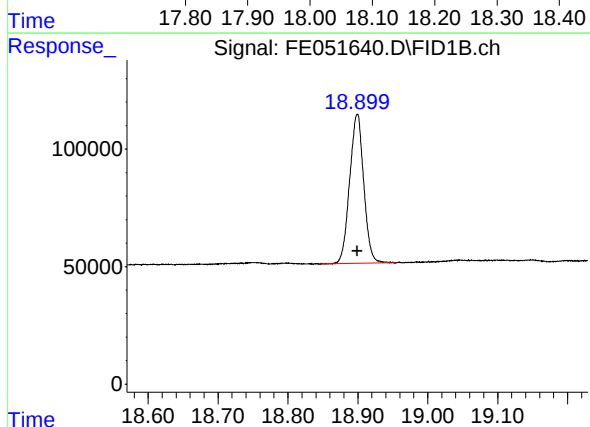
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 886702
Conc: 5.82 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

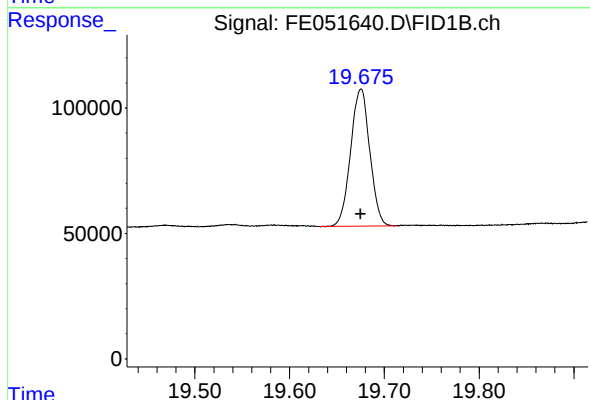
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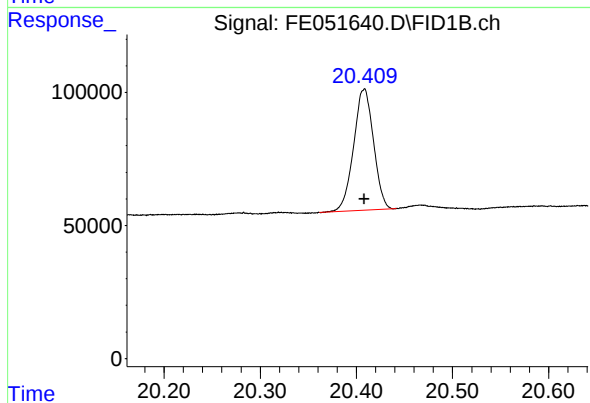
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.000 min
Response: 888745
Conc: 5.93 ug/ml



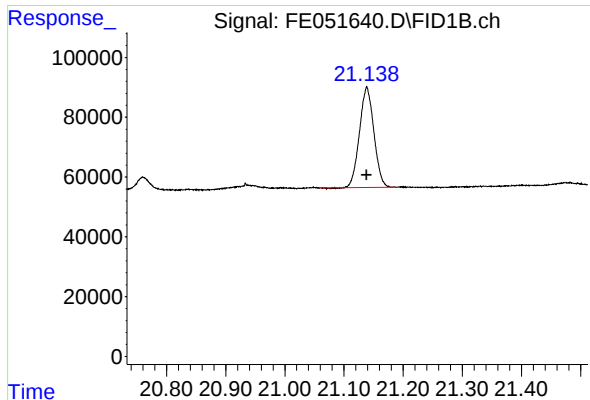
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.000 min
Response: 768076
Conc: 5.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: 0.000 min
Response: 656118
Conc: 5.66 ug/ml



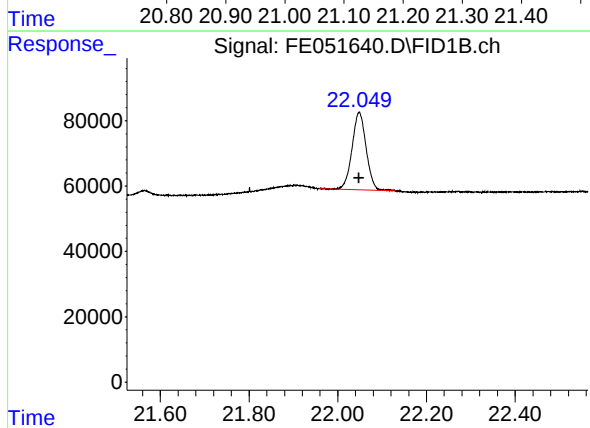
#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: 0.000 min
Response: 567398
Conc: 5.51 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: 0.000 min
Response: 522604
Conc: 5.22 ug/ml