

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072624AL\
 Data File : FE049272.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2024 16:33
 Operator : YP\AJ
 Sample : PB162289BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162289BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :Ankita Jodhani 07/29/2024

Integration File: autoint1.e
 Quant Time: Jul 27 01:01:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.910	7104487	45.805 ug/ml
Spiked Amount 50.000		Recovery =	91.61%
12) S 1-chlorooctadecane (S...	13.344	5581931	47.776 ug/ml
Spiked Amount 50.000		Recovery =	95.55%
Target Compounds			
1) T n-Nonane (C9)	3.304	5361890	35.654 ug/ml
2) T n-Decane (C10)	4.550	5756368	37.270 ug/ml
3) T A~Naphthalene (C11.7)	6.254	6638684	42.609 ug/ml
4) T n-Dodecane (C12)	6.714	5943929	38.602 ug/ml
5) T A~2-methylnaphthalene...	7.350	6627649	45.542 ug/ml
6) T n-Tetradecane (C14)	8.543	6300984	41.515 ug/ml
7) T n-Hexadecane (C16)	10.148	6316384	41.650 ug/ml
8) T n-Octadecane (C18)	11.592	6244351	41.127 ug/ml
10) T n-Eicosane (C20)	12.900	6220260	43.015 ug/ml
11) T n-Heneicosane (C21)	13.511	6043995	42.621 ug/ml
13) T n-Docosane (C22)	14.097	5957891	42.407 ug/ml
14) T n-Tetracosane (C24)	15.194	11657780	83.180 ug/ml
15) T n-Hexacosane (C26)	16.220	5909785	42.146 ug/ml
16) T n-Octacosane (C28)	17.168	6268774	44.787 ug/ml
17) T n-Tricontane (C30)	18.056	5998739	41.123 ug/ml
18) T n-Dotriacontane (C32)	18.888	6035118	41.045 ug/mlm
19) T n-Tetratriacontane (C34)	19.670	6214911	42.548 ug/mlm
20) T n-Hexatriacontane (C36)	20.410	6468253	44.869 ug/mlm
21) T n-Octatriacontane (C38)	21.144	6840509	45.698 ug/ml
22) T n-Tetracontane (C40)	22.049	6948357	46.045 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162289BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

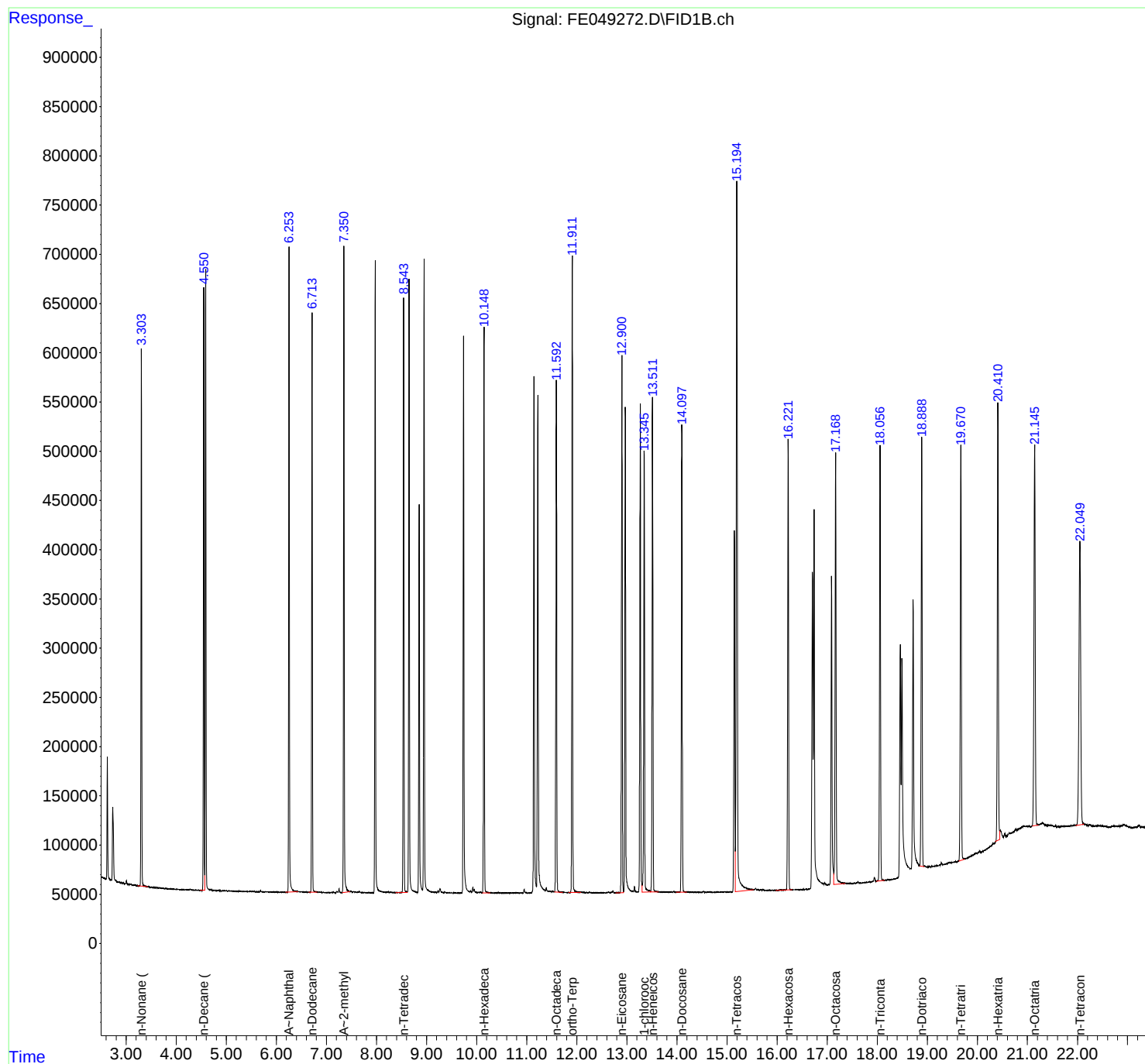
Instrument :
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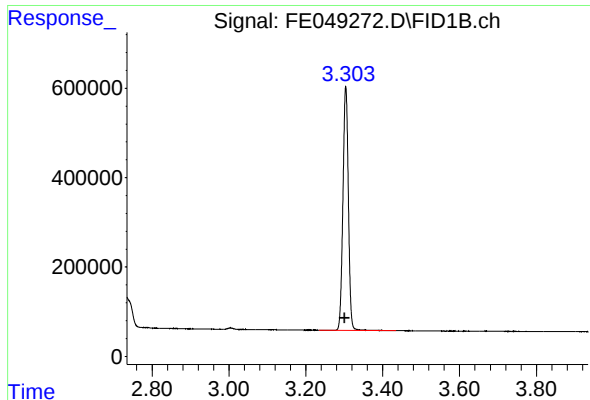
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#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.003 min
Response: 5361890
Conc: 35.65 ug/ml

Instrument :

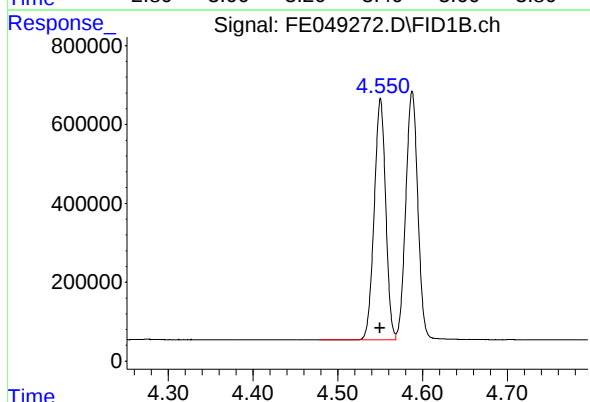
FID_E

ClientSampleId :

PB162289BSD

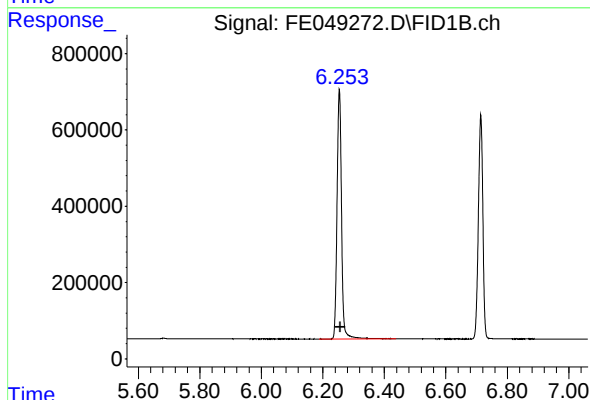
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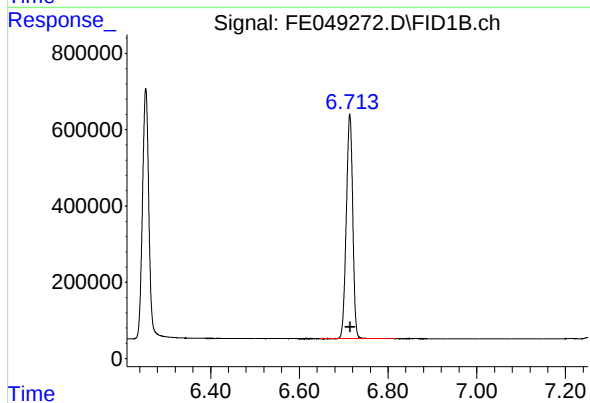
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 5756368
Conc: 37.27 ug/ml



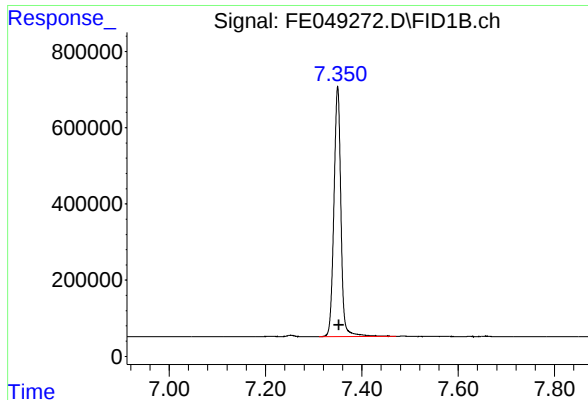
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.003 min
Response: 6638684
Conc: 42.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 5943929
Conc: 38.60 ug/ml



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

R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 6627649
Conc: 45.54 ug/ml

Instrument :

FID_E

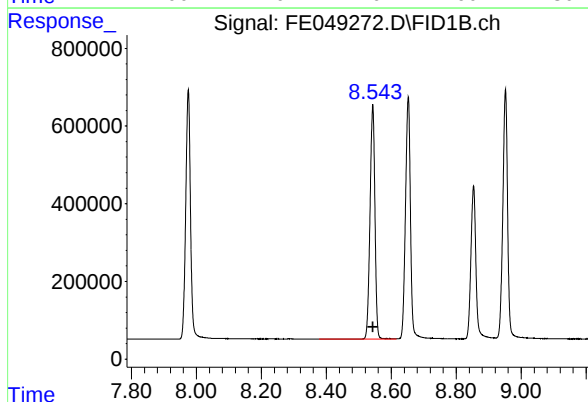
ClientSampleId :

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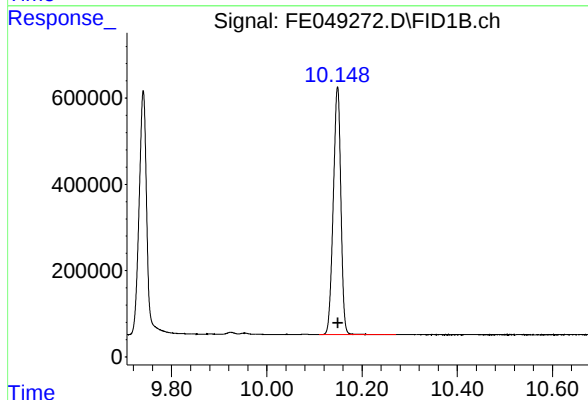
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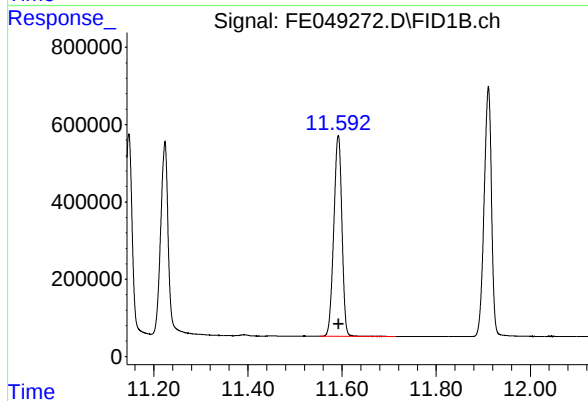
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 6300984
Conc: 41.52 ug/ml



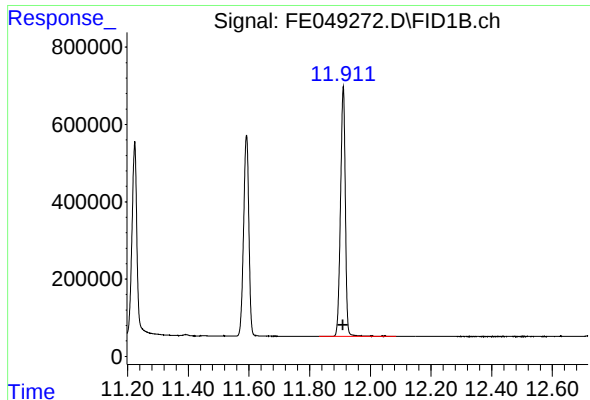
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.001 min
Response: 6316384
Conc: 41.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.001 min
Response: 6244351
Conc: 41.13 ug/ml



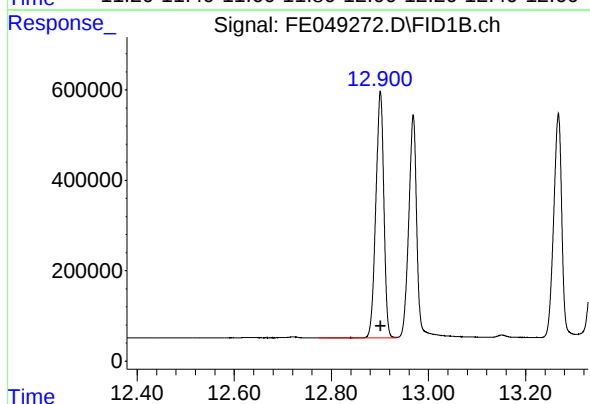
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: 0.000 min
Response: 7104487
Conc: 45.80 ug/ml

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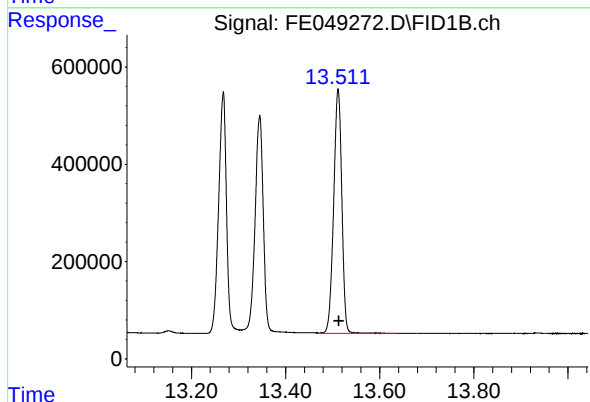
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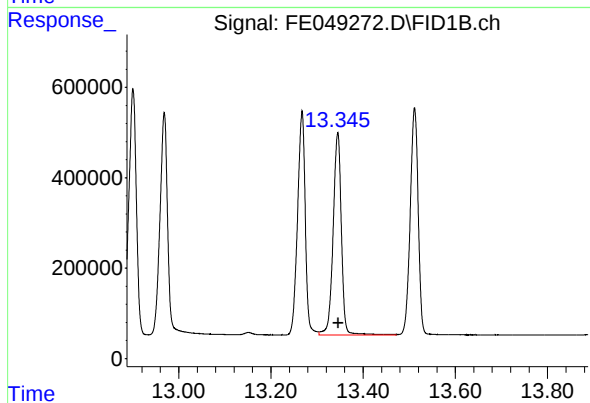
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 6220260
Conc: 43.01 ug/ml



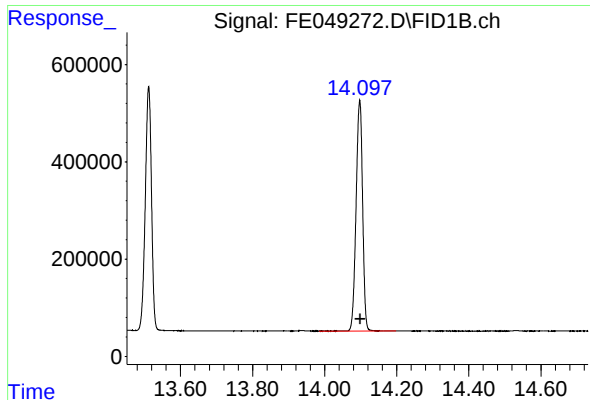
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 6043995
Conc: 42.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.002 min
Response: 5581931
Conc: 47.78 ug/ml



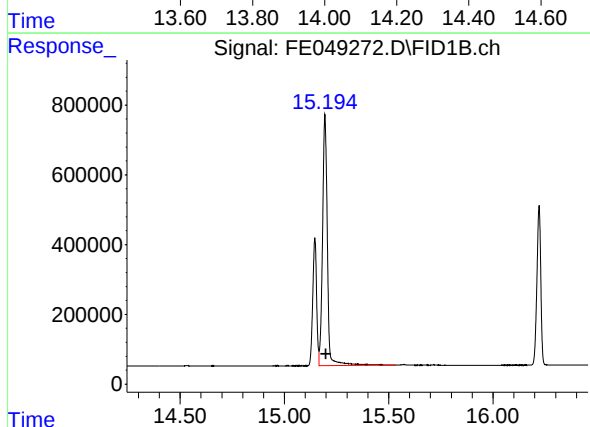
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.002 min
Response: 5957891
Conc: 42.41 ug/ml

Instrument :
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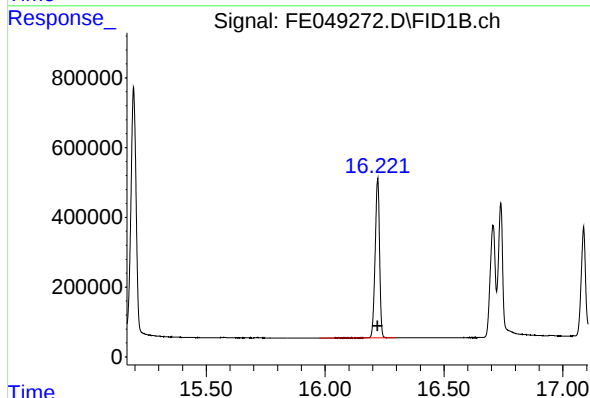
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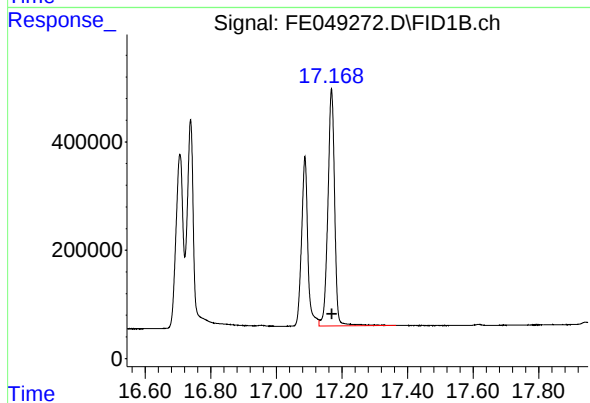
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.006 min
Response: 11657780
Conc: 83.18 ug/ml



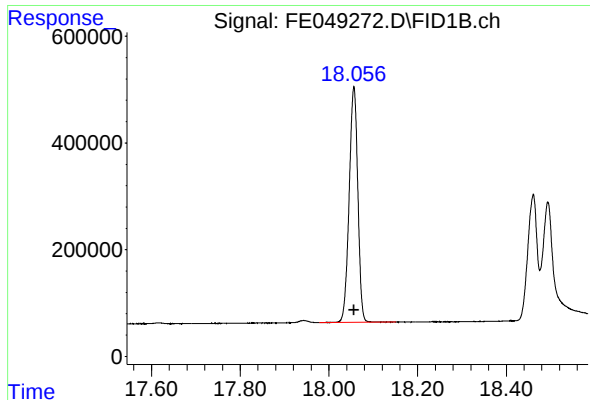
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: 0.000 min
Response: 5909785
Conc: 42.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.002 min
Response: 6268774
Conc: 44.79 ug/ml



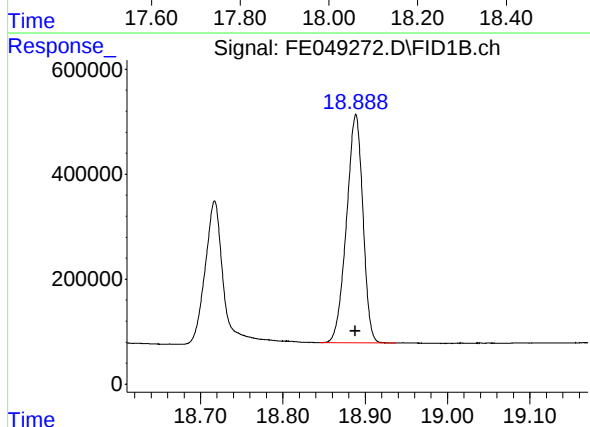
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: 0.000 min
Response: 5998739
Conc: 41.12 ug/ml

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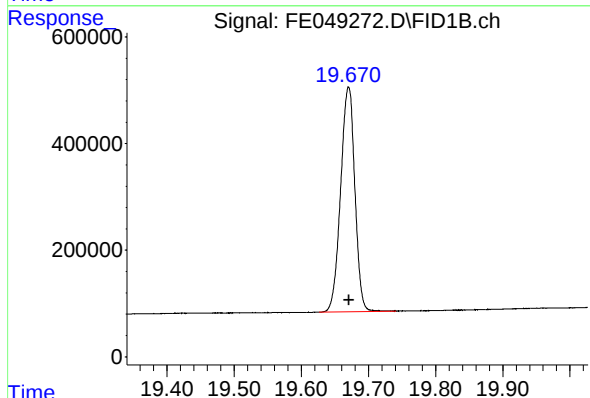
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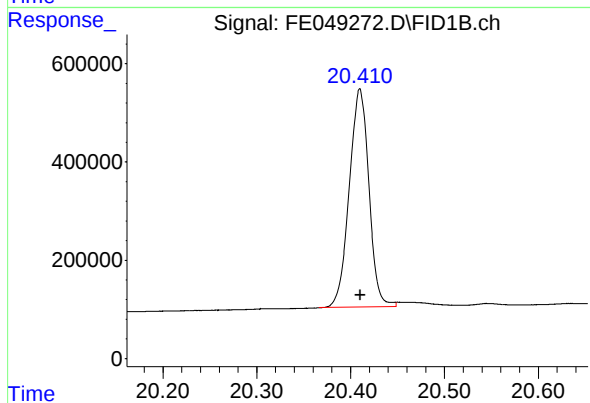
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 6035118
Conc: 41.04 ug/ml m



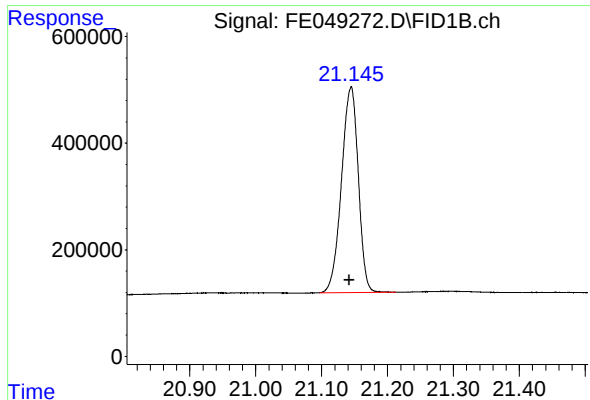
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.001 min
Response: 6214911
Conc: 42.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 6468253
Conc: 44.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: 0.002 min
Response: 6840509
Conc: 45.70 ug/ml

Instrument :

FID_E

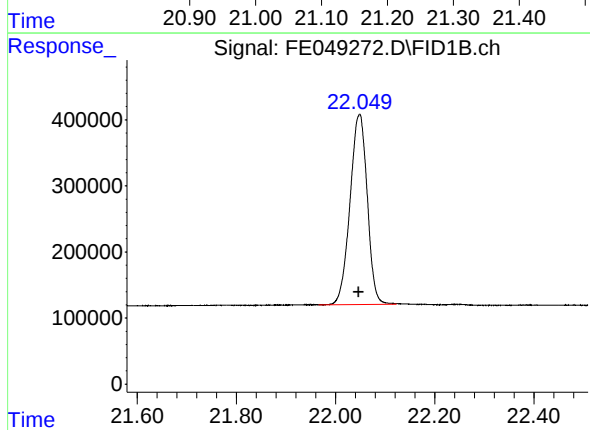
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#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: 0.002 min
Response: 6948357
Conc: 46.04 ug/ml m