

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047807.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 18:13
 Operator : YP\AJ
 Sample : P2258-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-042424MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 02:14:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.976	4563227	26.309 ug/ml
Spiked Amount 50.000		Recovery =	52.62%
12) S 1-chlorooctadecane (S...	13.409	4124797	30.668 ug/ml
Spiked Amount 50.000		Recovery =	61.34%
Target Compounds			
1) T n-Nonane (C9)	3.354	3376093	21.580 ug/mlm
2) T n-Decane (C10)	4.608	3791060	23.588 ug/ml
3) T A~Naphthalene (C11.7)	6.315	4187952	24.700 ug/ml
4) T n-Dodecane (C12)	6.774	4330140	26.679 ug/ml
5) T A~2-methylnaphthalene...	7.412	4489398	27.337 ug/ml
6) T n-Tetradecane (C14)	8.604	4978040	30.944 ug/ml
7) T n-Hexadecane (C16)	10.212	5304002	31.937 ug/ml
8) T n-Octadecane (C18)	11.655	5401078	32.207 ug/ml
10) T n-Eicosane (C20)	12.964	5493433	33.909 ug/ml
11) T n-Heneicosane (C21)	13.575	5177330	32.629 ug/ml
13) T n-Docosane (C22)	14.162	5128791	31.959 ug/ml
14) T n-Tetracosane (C24)	15.258	8764751	53.099 ug/ml
15) T n-Hexacosane (C26)	16.286	5048739	30.544 ug/ml
16) T n-Octacosane (C28)	17.233	5064819	30.563 ug/mlm
17) T n-Tricontane (C30)	18.123	5233619	30.827 ug/mlm
18) T n-Dotriacontane (C32)	18.955	5033554	30.186 ug/mlm
19) T n-Tetratriacontane (C34)	19.740	5355877	33.394 ug/ml
20) T n-Hexatriacontane (C36)	20.479	5283075	33.123 ug/mlm
21) T n-Octatriacontane (C38)	21.225	5414950	33.318 ug/mlm
22) T n-Tetracontane (C40)	22.157	5234532	31.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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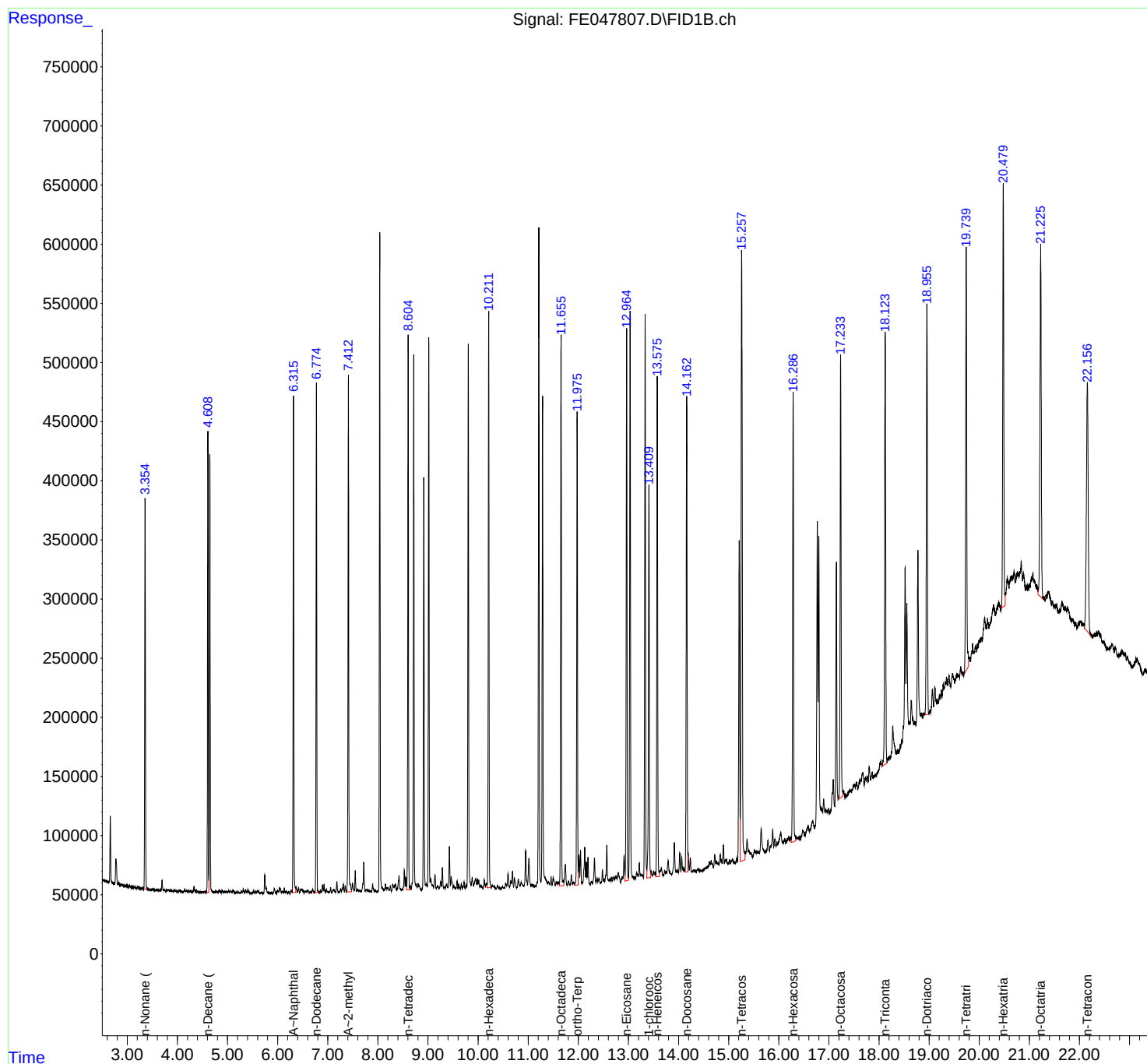
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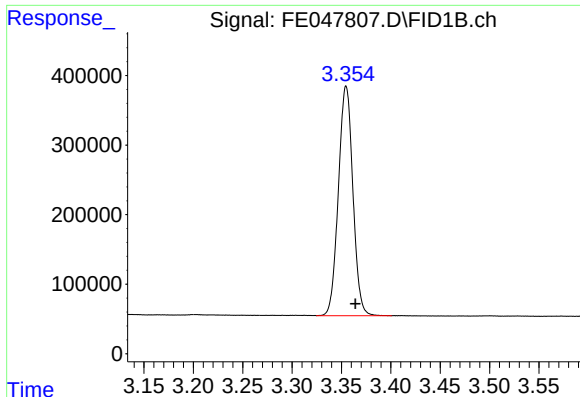
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#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 3376093
Conc: 21.58 ug/ml

Instrument :

FID_E

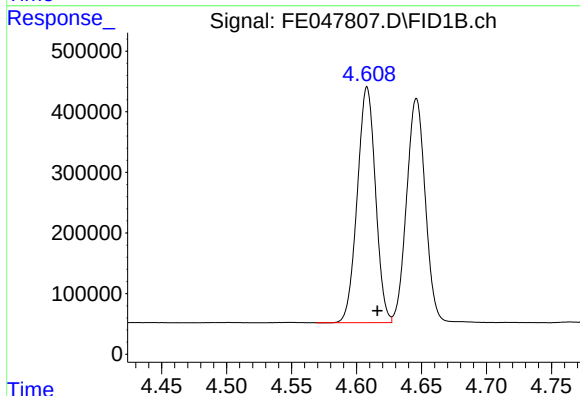
ClientSampleId :

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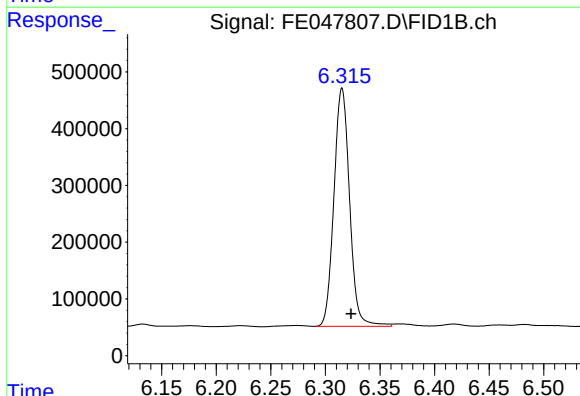
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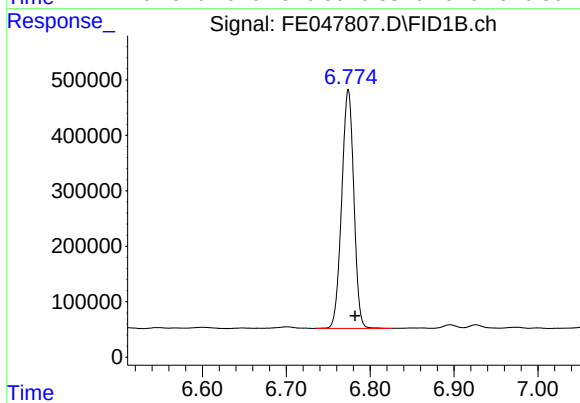
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.008 min
Response: 3791060
Conc: 23.59 ug/ml



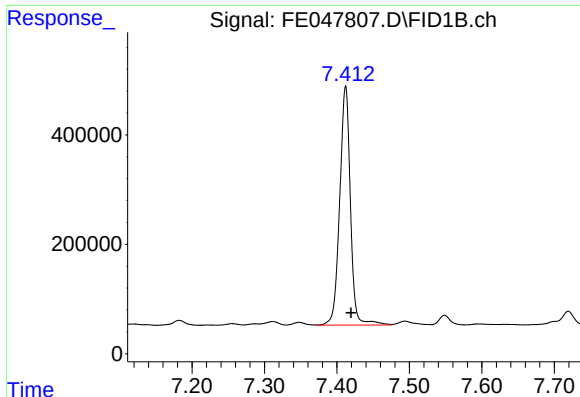
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 4187952
Conc: 24.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 4330140
Conc: 26.68 ug/ml



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

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 4489398
Conc: 27.34 ug/ml

Instrument :

FID_E

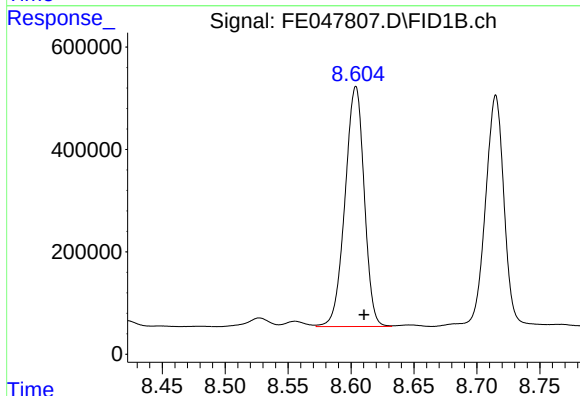
ClientSampleId :

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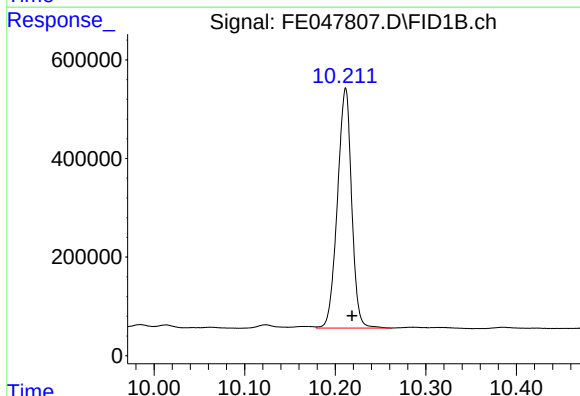
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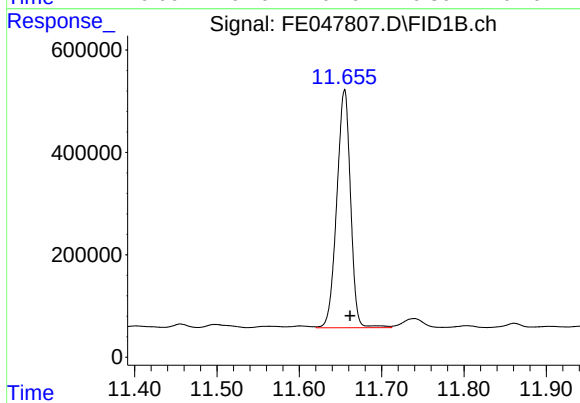
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 4978040
Conc: 30.94 ug/ml



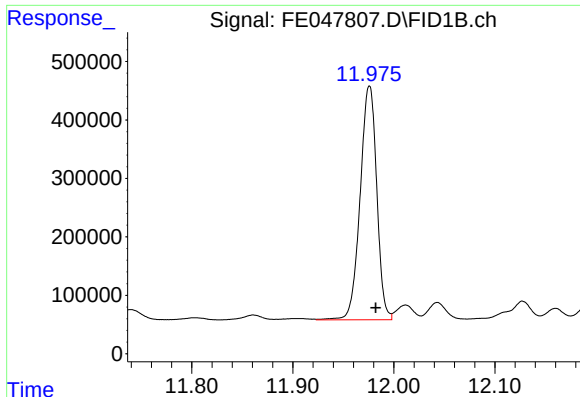
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.007 min
Response: 5304002
Conc: 31.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 5401078
Conc: 32.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 4563227
Conc: 26.31 ug/ml

Instrument :

FID_E

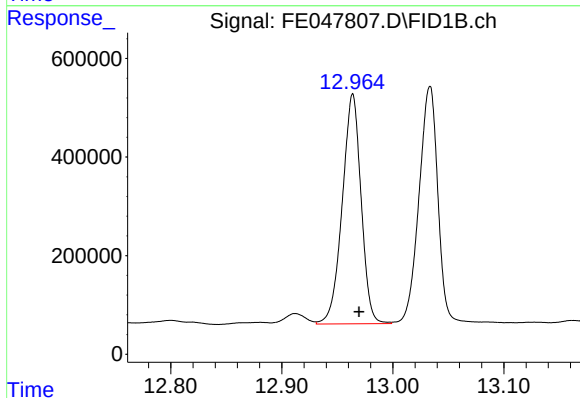
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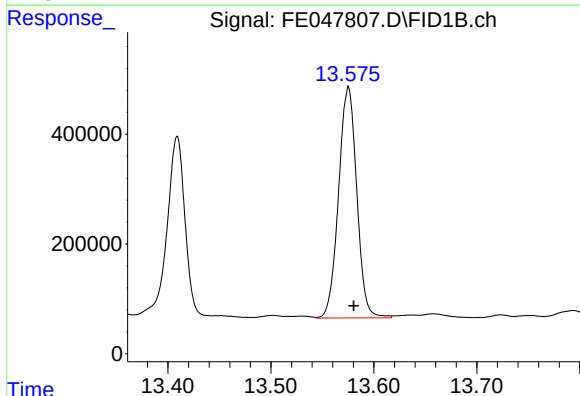
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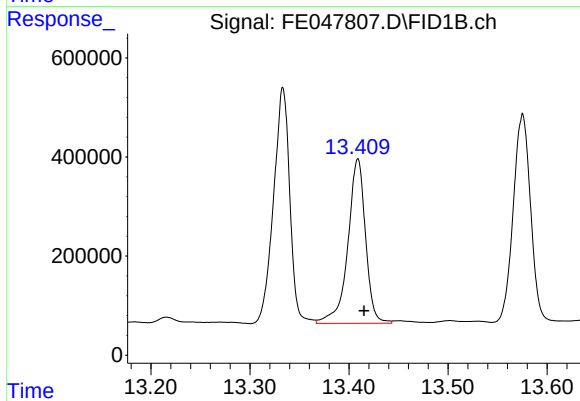
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.006 min
Response: 5493433
Conc: 33.91 ug/ml



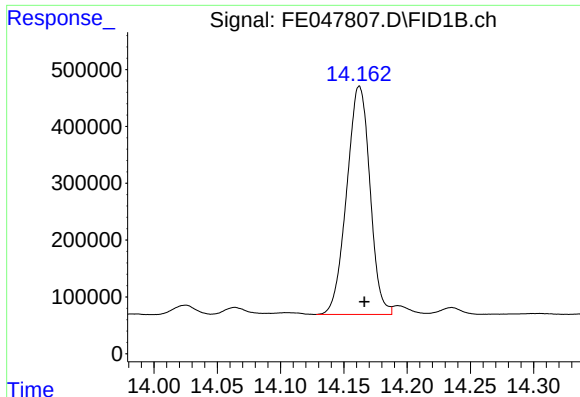
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 5177330
Conc: 32.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 4124797
Conc: 30.67 ug/ml



#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 5128791
Conc: 31.96 ug/ml

Instrument :

FID_E

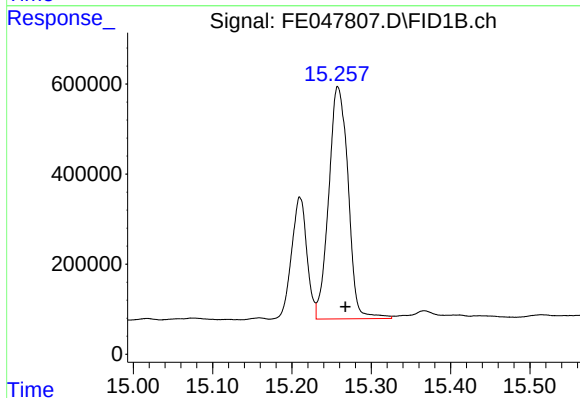
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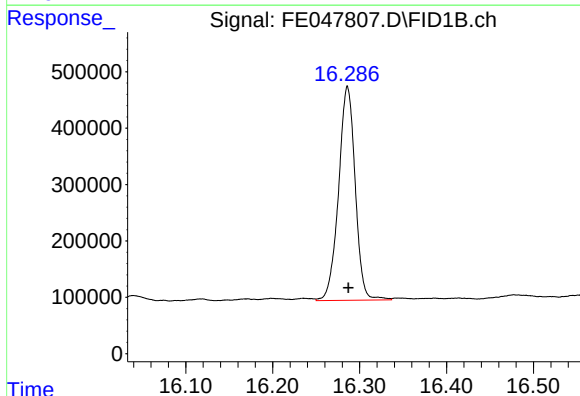
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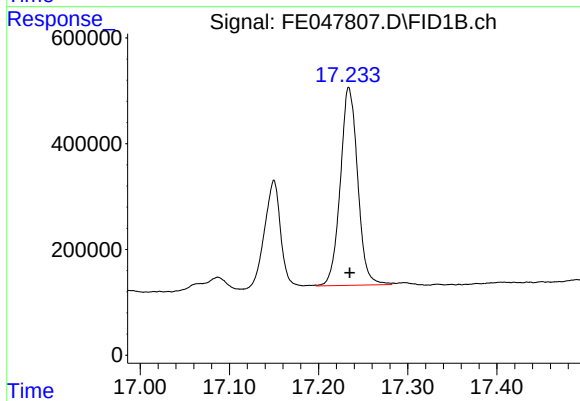
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.010 min
Response: 8764751
Conc: 53.10 ug/ml



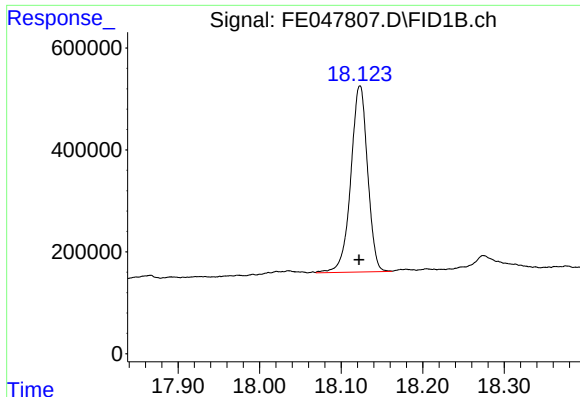
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 5048739
Conc: 30.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: -0.002 min
Response: 5064819
Conc: 30.56 ug/ml m



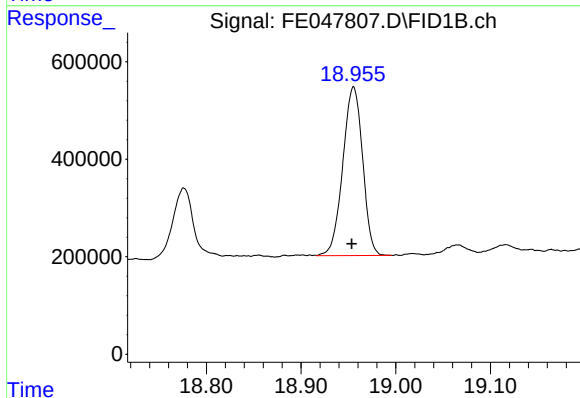
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 5233619
Conc: 30.83 ug/ml

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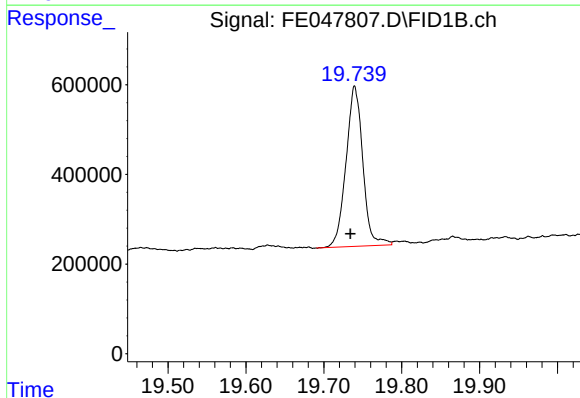
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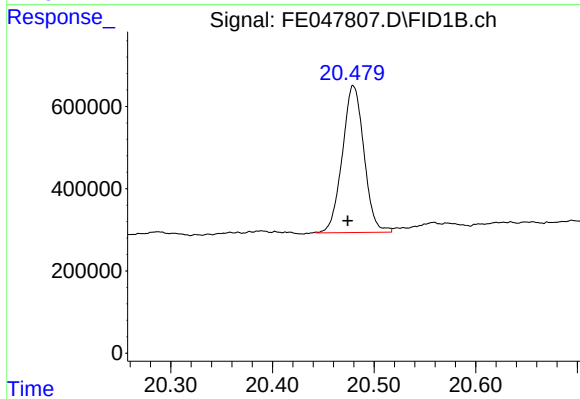
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.001 min
Response: 5033554
Conc: 30.19 ug/ml m



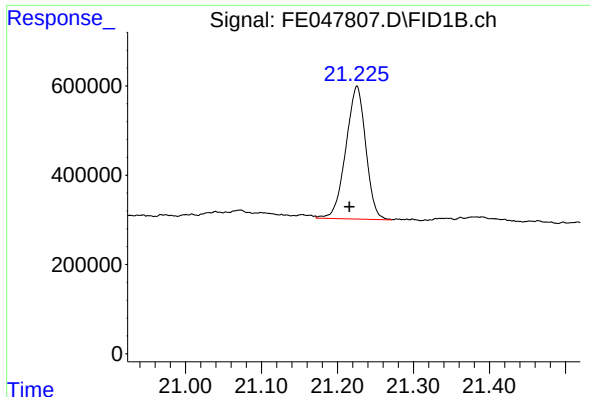
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.005 min
Response: 5355877
Conc: 33.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 5283075
Conc: 33.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.010 min
Response: 5414950
Conc: 33.32 ug/ml

Instrument :

FID_E

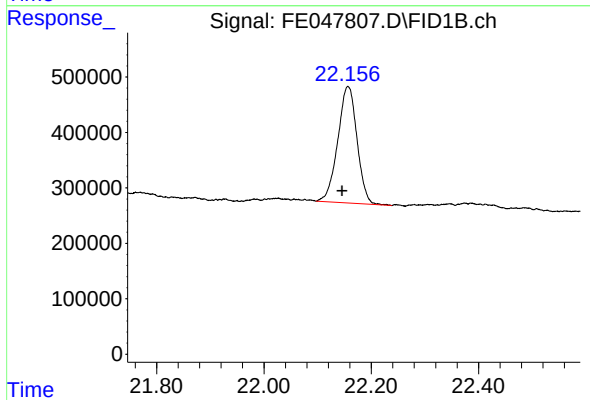
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#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.011 min
Response: 5234532
Conc: 31.97 ug/ml