

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046496.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 17:47
 Operator : YP\AJ
 Sample : P1297-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-05-013024MS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 02/01/2024

Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e

Quant Time: Jan 31 21:37:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

QLast Update : Thu Jan 25 14:56:03 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)	11.822	2769598	14.978 ug/mlm
Spiked Amount 50.000		Recovery =	29.96%
12) S 1-chlorooctadecane (S...	13.287	89472223	628.866 ug/ml
Spiked Amount 50.000		Recovery =	1257.73%
Target Compounds			
1) T n-Nonane (C9)	3.201	22122	0.137 ug/mlm
2) T n-Decane (C10)	4.457	193970	1.184 ug/ml
3) T A~Naphthalene (C11.7)	6.185	340529	1.991 ug/mlm
4) T n-Dodecane (C12)	6.626	1521201	9.196 ug/mlm
5) T A~2-methylnaphthalene...	7.262	464162	2.910 ug/mlm
6) T n-Tetradecane (C14)	8.453	2097356	12.797 ug/mlm
7) T n-Hexadecane (C16)	10.061	2182812	12.774 ug/mlm
8) T n-Octadecane (C18)	11.505	1709223	9.804 ug/mlm
10) T n-Eicosane (C20)	12.817	1256781	7.402 ug/mlm
11) T n-Heneicosane (C21)	13.438	1052597	6.311 ug/ml
13) T n-Docosane (C22)	14.018	716760	4.327 ug/mlm
14) T n-Tetracosane (C24)	15.119	1752110	10.619 ug/mlm
15) T n-Hexacosane (C26)	16.147	153699	0.952 ug/mlm
16) T n-Octacosane (C28)	17.089	136889	0.872 ug/mlm
17) T n-Tricontane (C30)	17.981	172977	1.104 ug/mlm
18) T n-Dotriacontane (C32)	18.815	343762	2.274 ug/ml
19) T n-Tetratriacontane (C34)	19.611	110629	0.780 ug/mlm
20) T n-Hexatriacontane (C36)	20.356	163221	1.184 ug/mlm
21) T n-Octatriacontane (C38)	21.071	87645	0.684 ug/mlm
22) T n-Tetracontane (C40)	21.970	99068	0.792 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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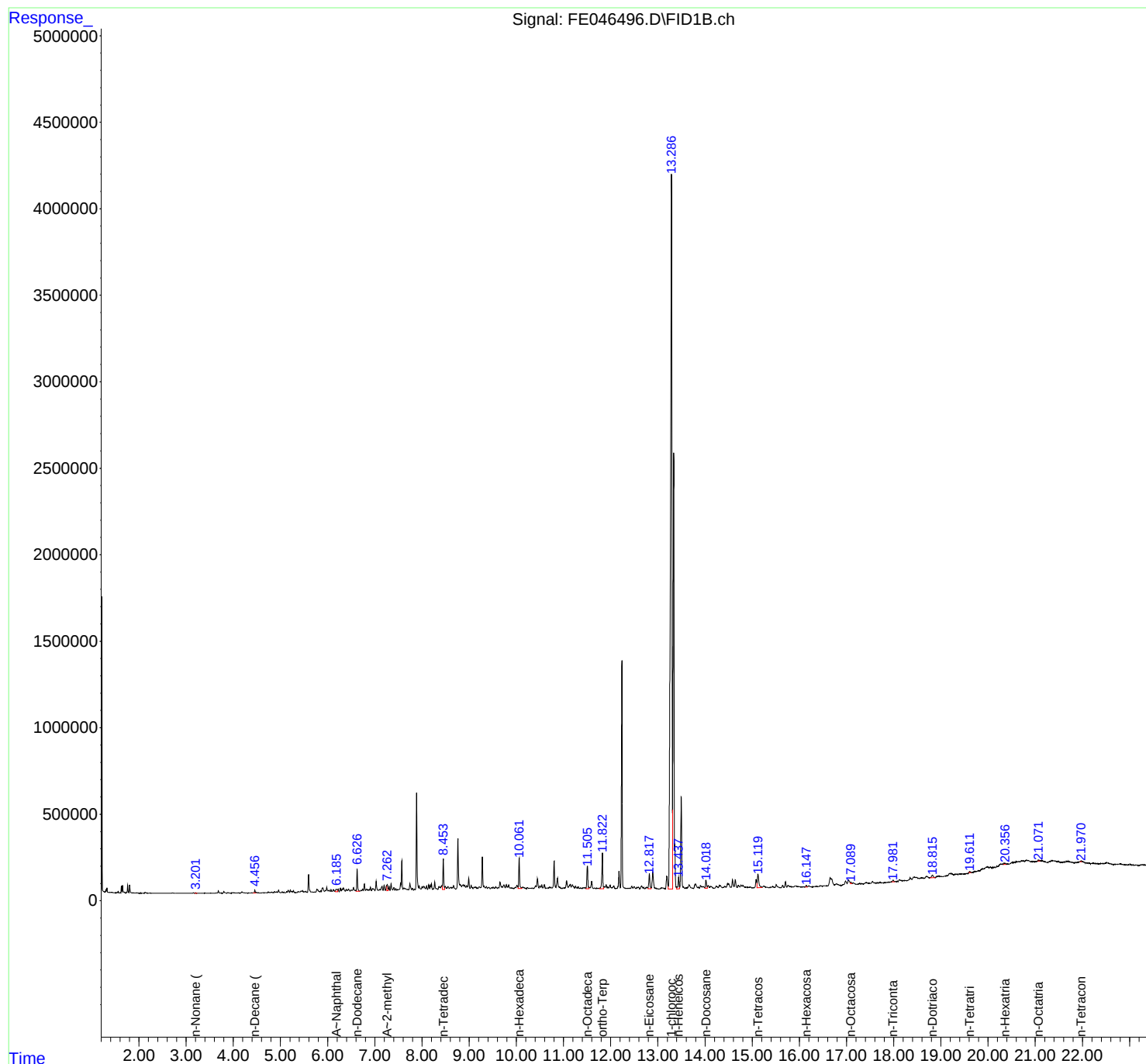
Instrument :
FID_E
ClientSampleId :
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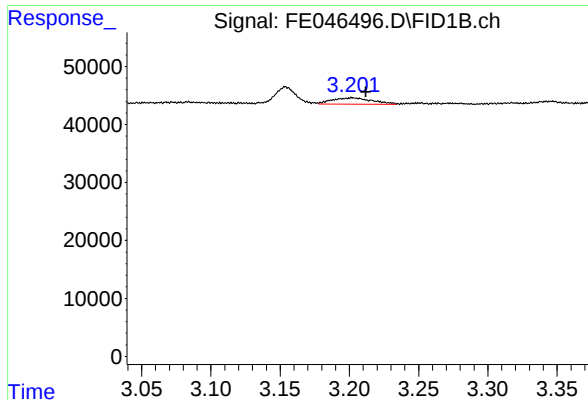
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Signal Phase : Rxi-1ms
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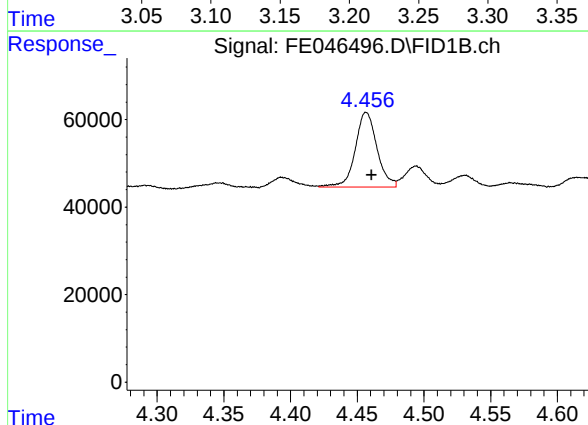
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: -0.011 min
Response: 22122
Conc: 0.14 ug/ml

Instrument :
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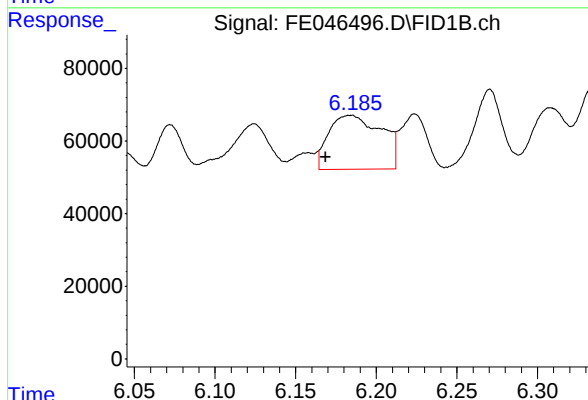
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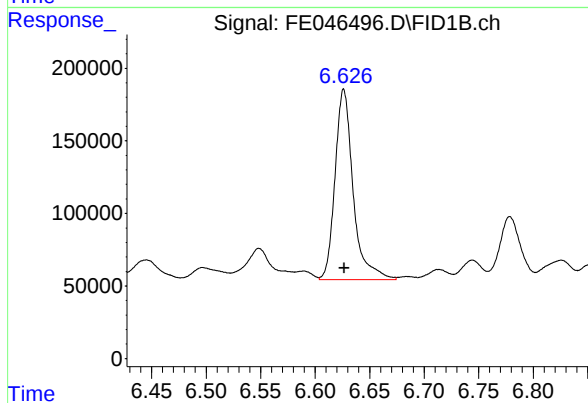
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 193970
Conc: 1.18 ug/ml



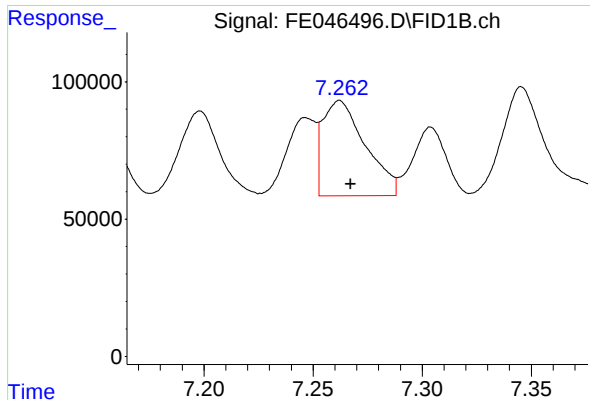
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.017 min
Response: 340529
Conc: 1.99 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: -0.001 min
Response: 1521201
Conc: 9.20 ug/ml m



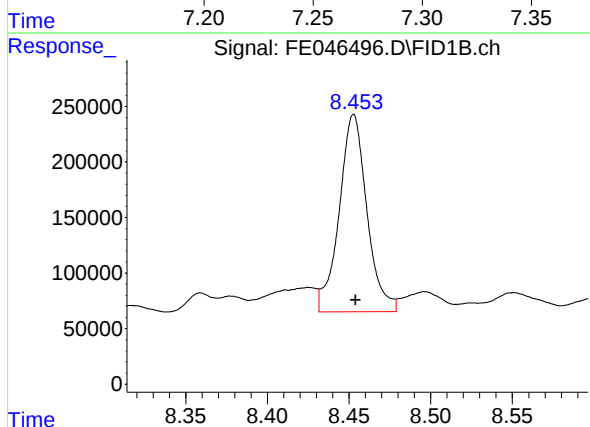
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 464162
Conc: 2.91 ug/ml

Instrument :
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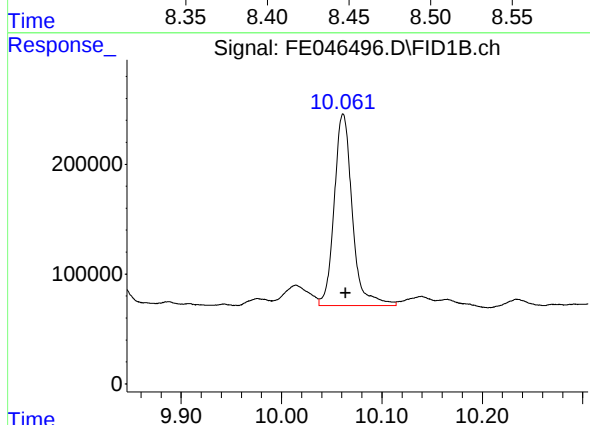
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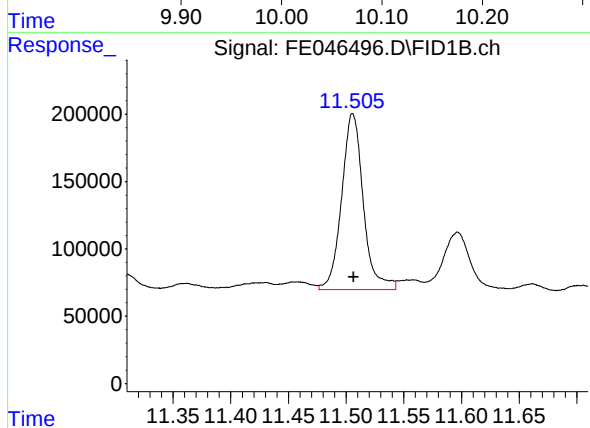
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.001 min
Response: 2097356
Conc: 12.80 ug/ml m



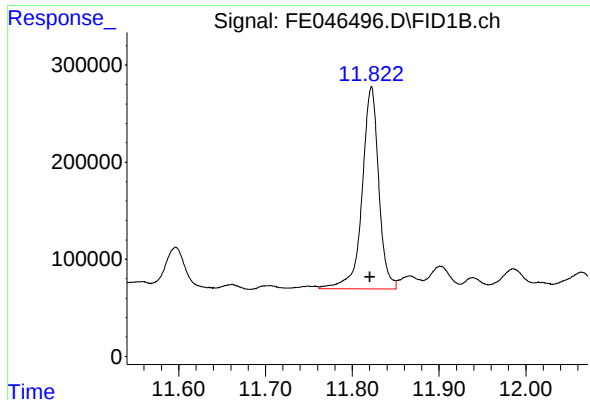
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 2182812
Conc: 12.77 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.001 min
Response: 1709223
Conc: 9.80 ug/ml m



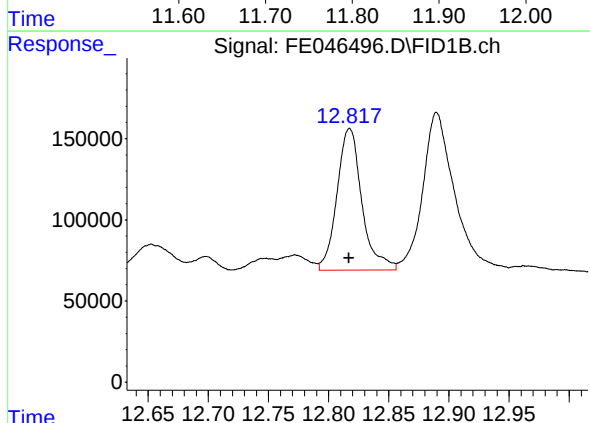
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.002 min
Response: 2769598
Conc: 14.98 ug/ml

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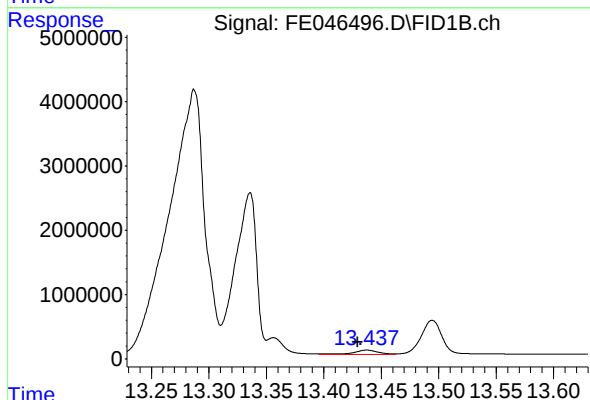
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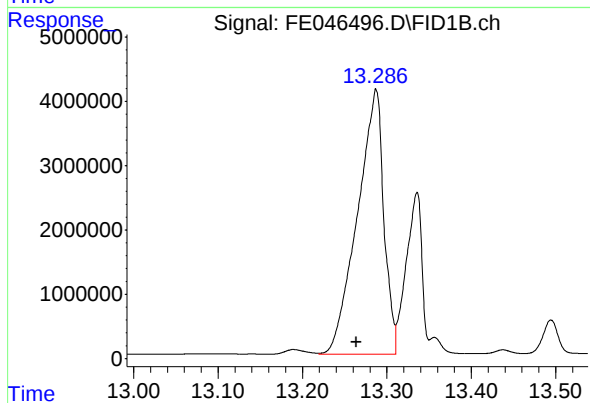
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 1256781
Conc: 7.40 ug/ml m



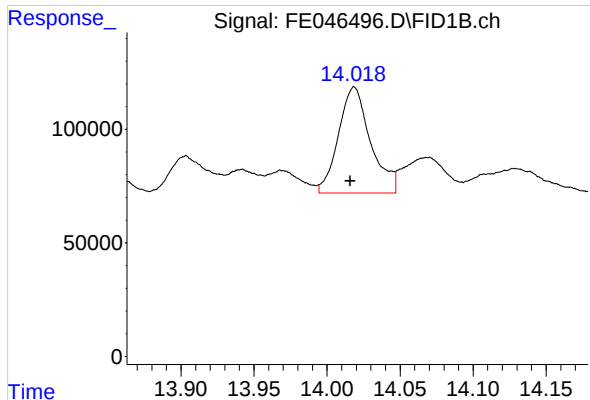
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: 0.008 min
Response: 1052597
Conc: 6.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: 0.024 min
Response: 89472223
Conc: 628.87 ug/ml



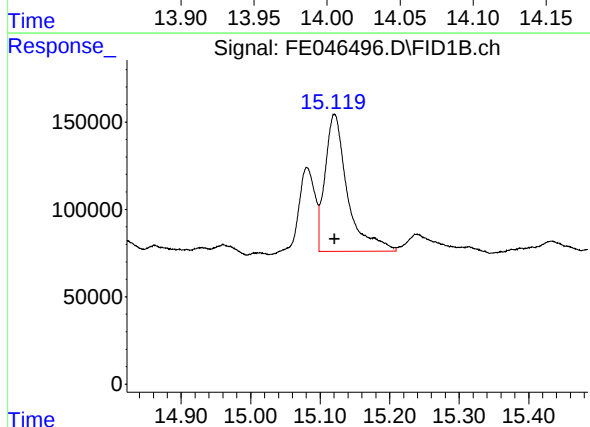
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: 0.002 min
Response: 716760
Conc: 4.33 ug/ml

Instrument :
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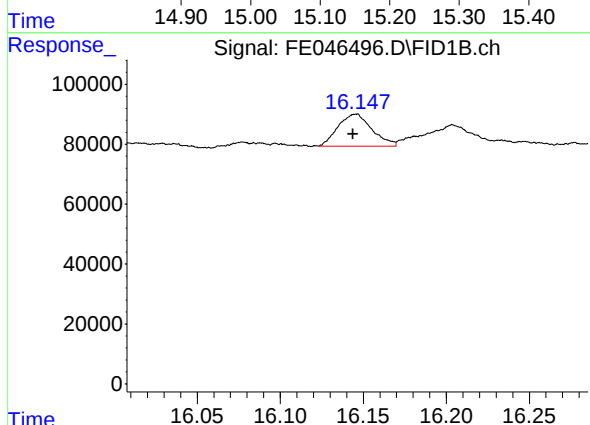
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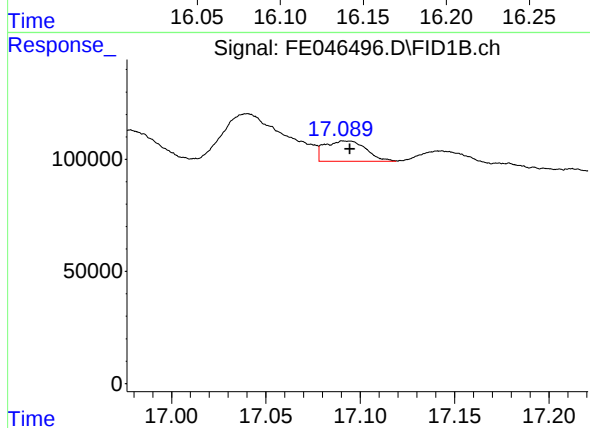
#14 n-Tetracosane (C24)

R.T.: 15.119 min
Delta R.T.: -0.002 min
Response: 1752110
Conc: 10.62 ug/ml m



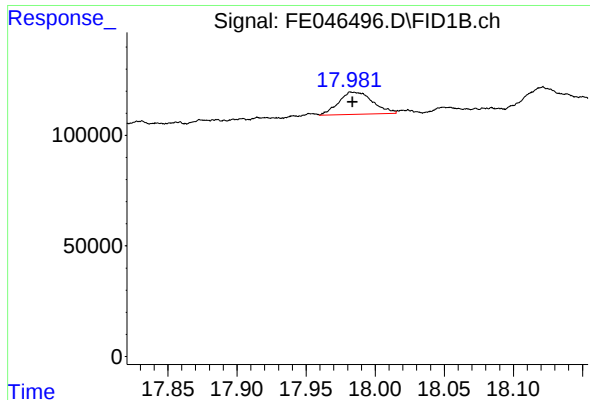
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: 0.003 min
Response: 153699
Conc: 0.95 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 136889
Conc: 0.87 ug/ml m



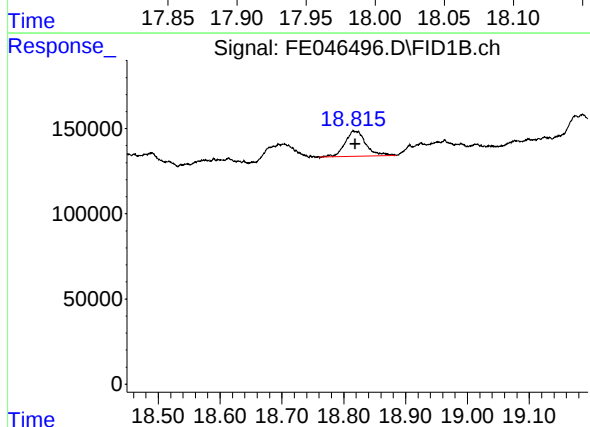
#17 n-Tricontane (C30)

R.T.: 17.981 min
Delta R.T.: -0.003 min
Response: 172977
Conc: 1.10 ug/ml

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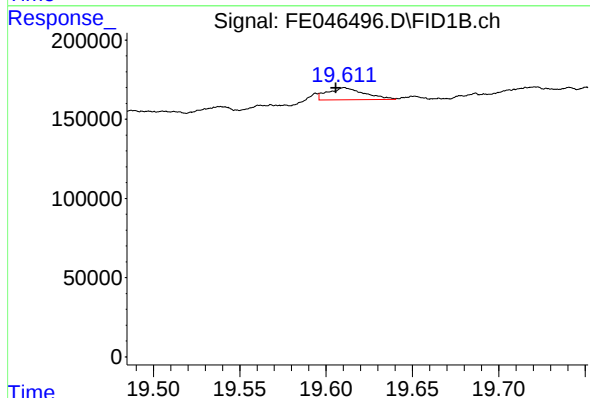
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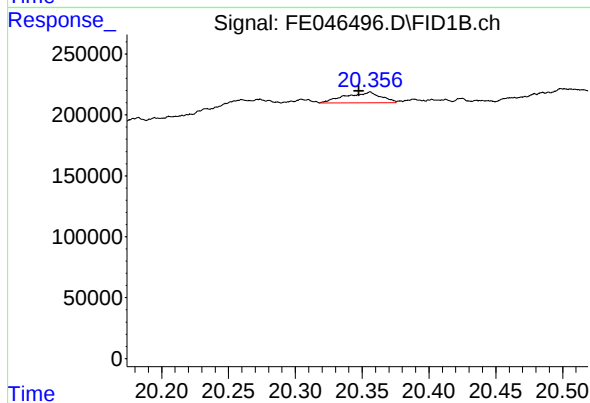
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.003 min
Response: 343762
Conc: 2.27 ug/ml



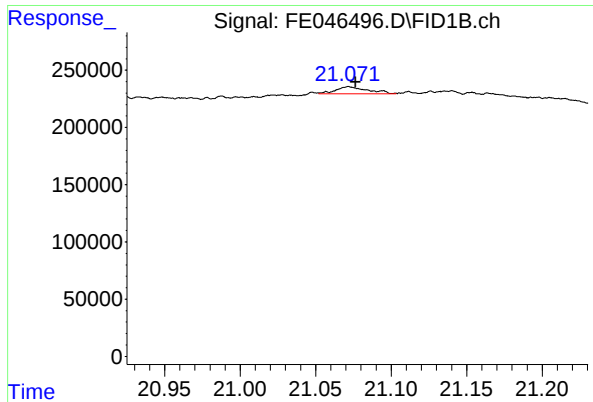
#19 n-Tetatriacontane (C34)

R.T.: 19.611 min
Delta R.T.: 0.005 min
Response: 110629
Conc: 0.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: 0.008 min
Response: 163221
Conc: 1.18 ug/ml m



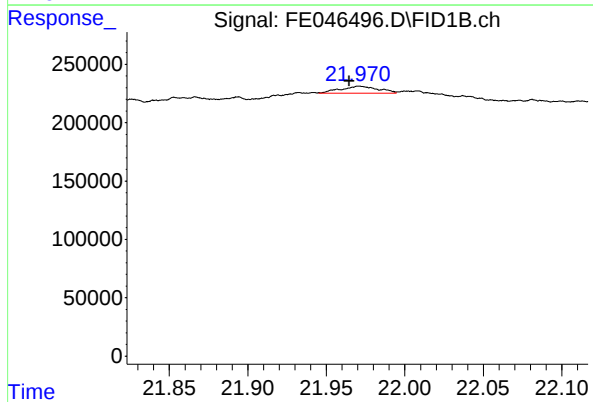
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.005 min
Response: 87645
Conc: 0.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.005 min
Response: 99068
Conc: 0.79 ug/ml m