

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041823AL\
 Data File : FE041411.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2023 16:07
 Operator : YP\AJ
 Sample : 02386-06MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPA-2WC-23-04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Ankita Jodhani 04/19/2023

Integration File: autoint1.e
 Quant Time: Apr 18 23:04:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.870	8953083	47.638 ug/mlm
Spiked Amount 50.000		Recovery =	95.28%
12) S 1-chlorooctadecane (S...	13.313	6566454	45.638 ug/mlm
Spiked Amount 50.000		Recovery =	91.28%
Target Compounds			
1) T n-Nonane (C9)	3.264	15636452	90.117 ug/ml
2) T n-Decane (C10)	4.511	26848330	157.730 ug/ml
3) T A~Naphthalene (C11.7)	6.203	21339705	116.668 ug/ml
4) T n-Dodecane (C12)	6.664	21780241	125.562 ug/ml
5) T A~2-methylnaphthalene...	7.296	17178090	103.724 ug/ml
6) T n-Tetradecane (C14)	8.497	23499178	134.770 ug/mlm
7) T n-Hexadecane (C16)	10.103	17895167	100.618 ug/ml
8) T n-Octadecane (C18)	11.554	15342501	85.927 ug/mlm
10) T n-Eicosane (C20)	12.875	11996107	70.328 ug/mlm
11) T n-Heneicosane (C21)	13.489	11360164	67.147 ug/mlm
13) T n-Docosane (C22)	14.082	9946831	60.107 ug/mlm
14) T n-Tetracosane (C24)	15.165	12907209	79.779 ug/mlm
15) T n-Hexacosane (C26)	16.223	9062098	58.459 ug/mlm
16) T n-Octacosane (C28)	17.136	9620602	62.805 ug/mlm
17) T n-Tricontane (C30)	18.069	8884259	58.122 ug/mlm
18) T n-Dotriacontane (C32)	18.901	9671423	61.945 ug/mlm
19) T n-Tetratriacontane (C34)	19.689	9847738	63.547 ug/mlm
20) T n-Hexatriacontane (C36)	20.420	8255544	54.349 ug/mlm
21) T n-Octatriacontane (C38)	21.152	8357423	53.498 ug/mlm
22) T n-Tetracontane (C40)	22.042	10371576	64.983 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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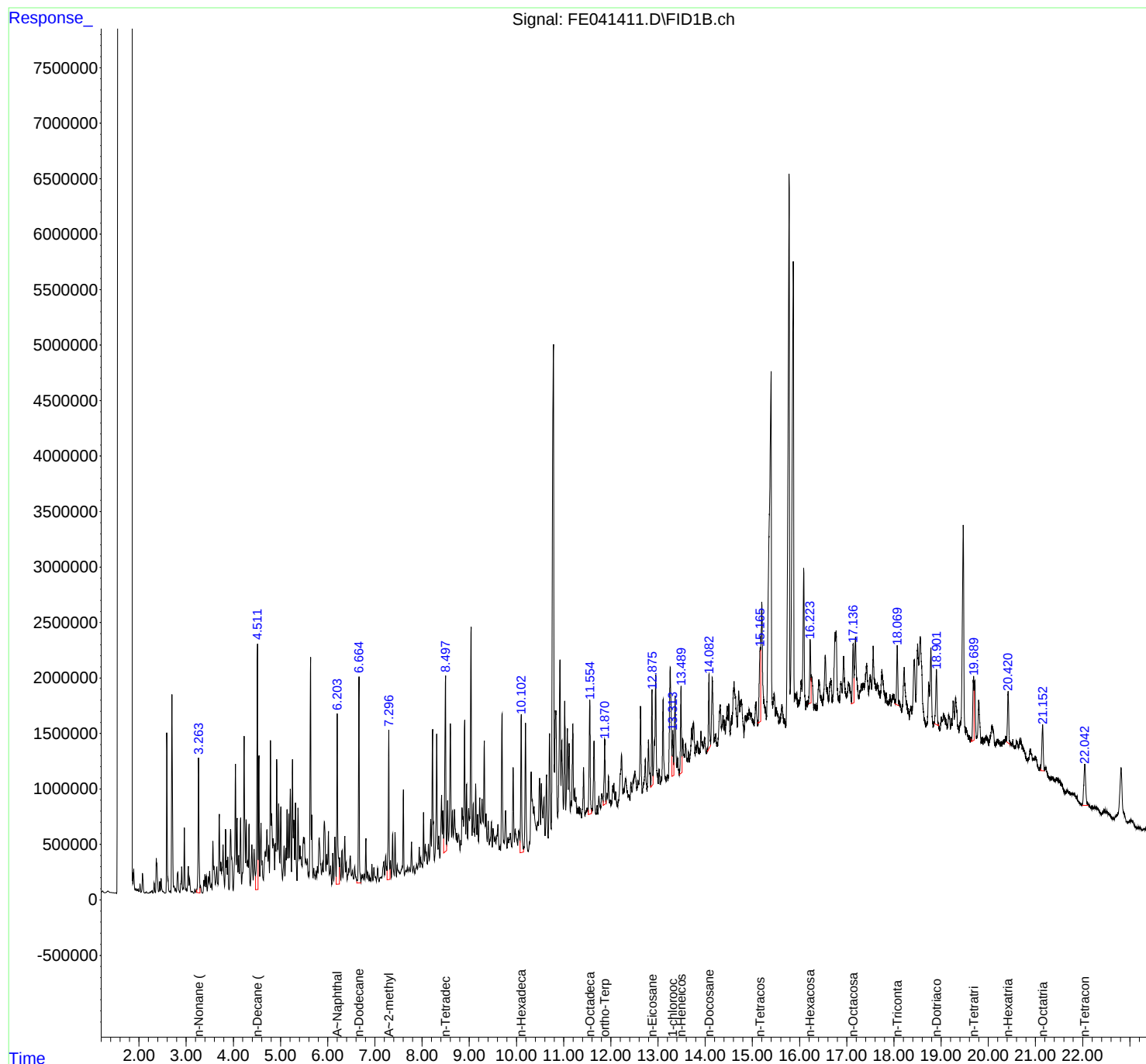
Instrument :
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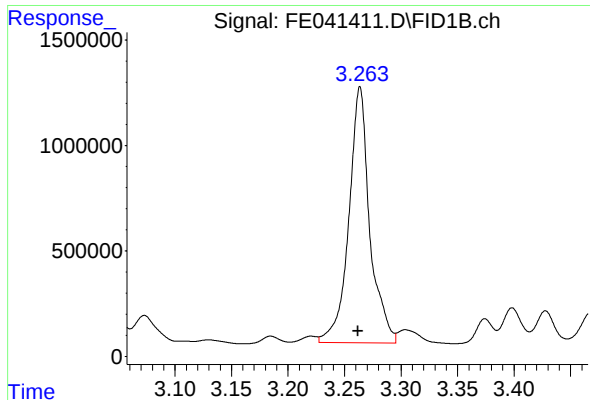
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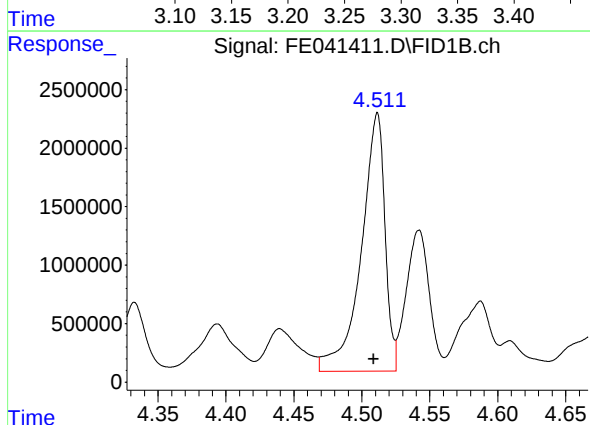
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 15636452
Conc: 90.12 ug/ml

Instrument : FID_E
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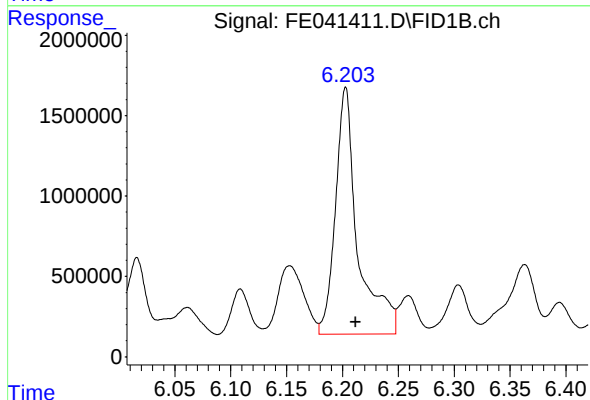
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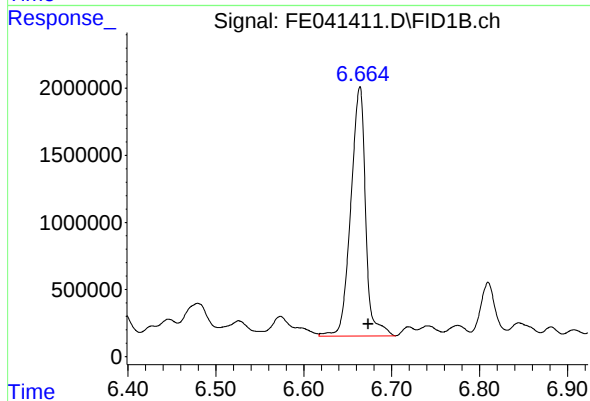
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.003 min
Response: 26848330
Conc: 157.73 ug/ml



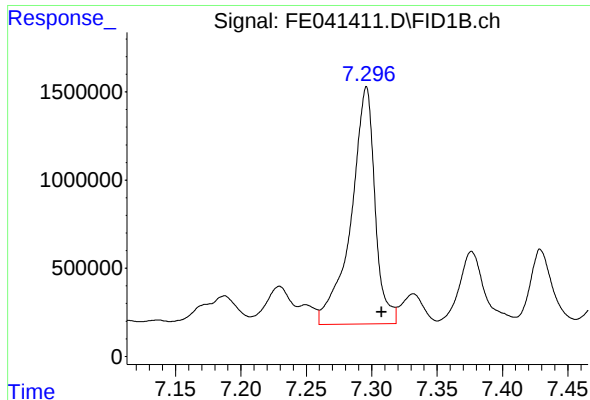
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 21339705
Conc: 116.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 21780241
Conc: 125.56 ug/ml



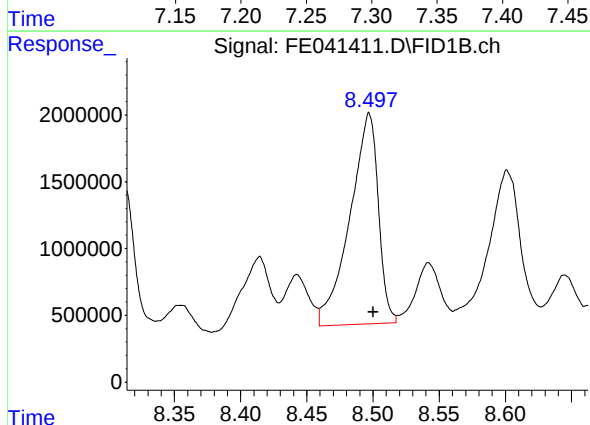
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.011 min
Response: 17178090
Conc: 103.72 ug/ml

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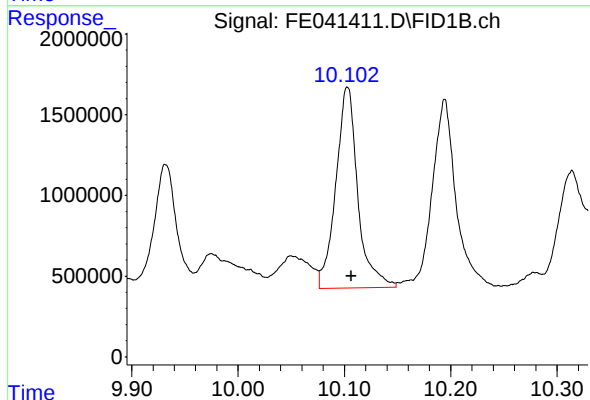
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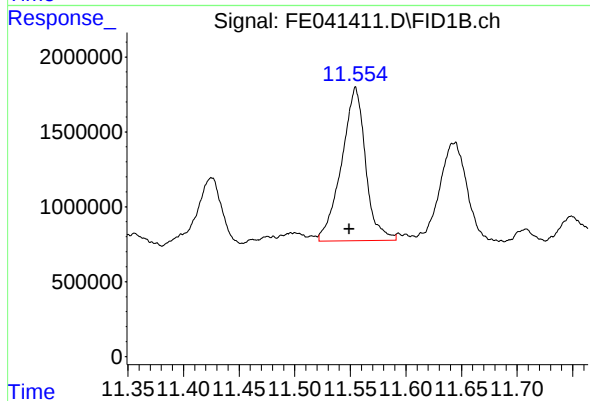
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 23499178
Conc: 134.77 ug/ml m



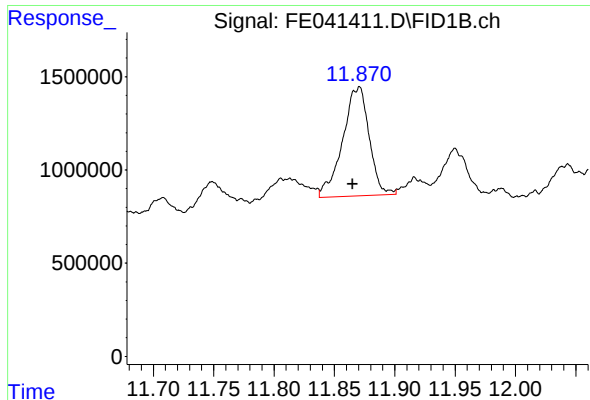
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.004 min
Response: 17895167
Conc: 100.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: 0.005 min
Response: 15342501
Conc: 85.93 ug/ml m



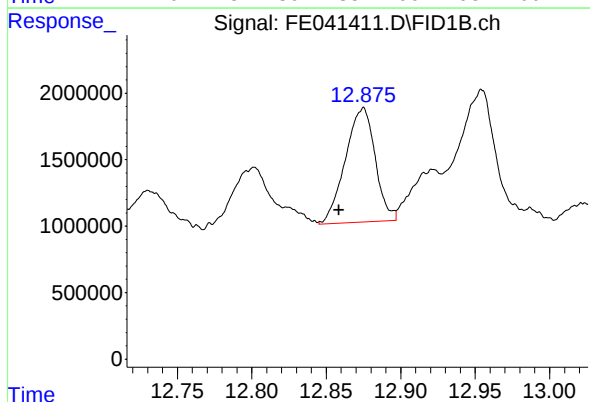
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: 0.005 min
Response: 8953083
Conc: 47.64 ug/ml

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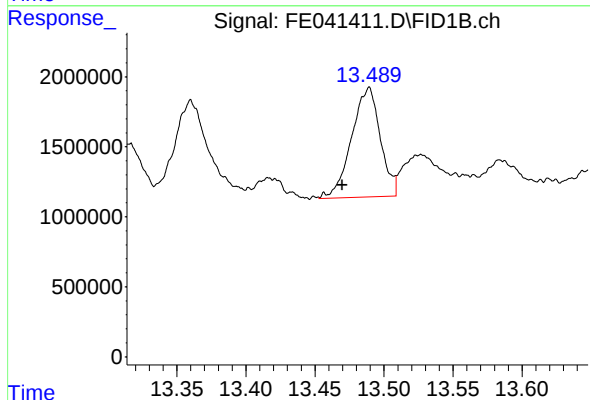
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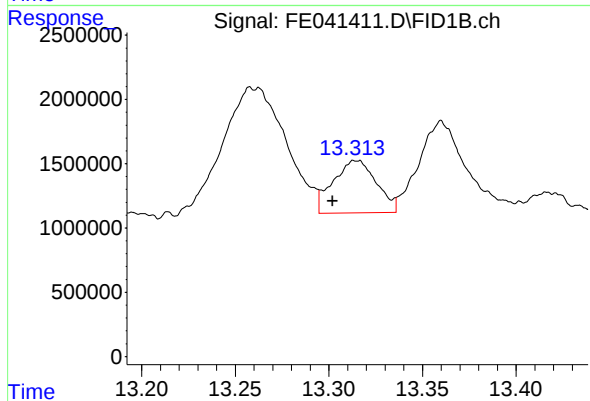
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.016 min
Response: 11996107
Conc: 70.33 ug/ml m



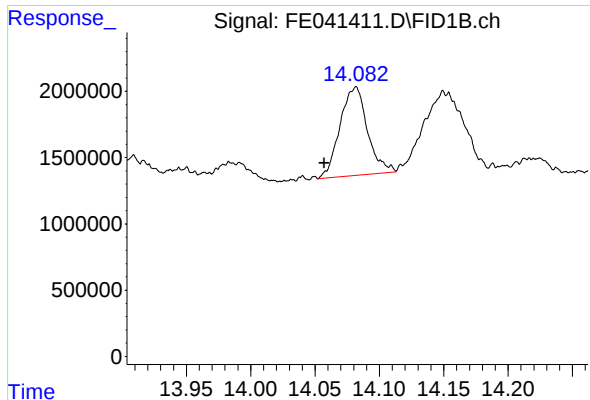
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.019 min
Response: 11360164
Conc: 67.15 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.011 min
Response: 6566454
Conc: 45.64 ug/ml m



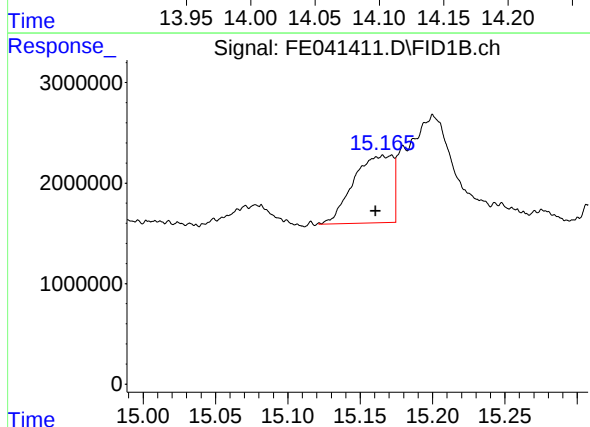
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: 0.024 min
Response: 9946831
Conc: 60.11 ug/ml

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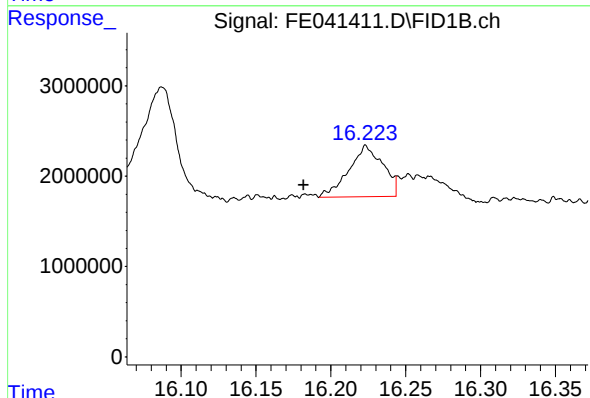
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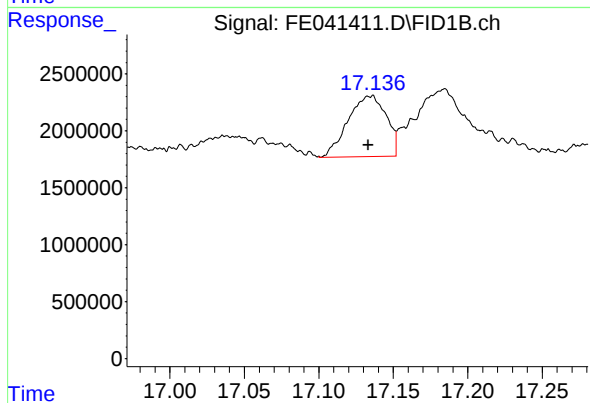
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.005 min
Response: 12907209
Conc: 79.78 ug/ml m



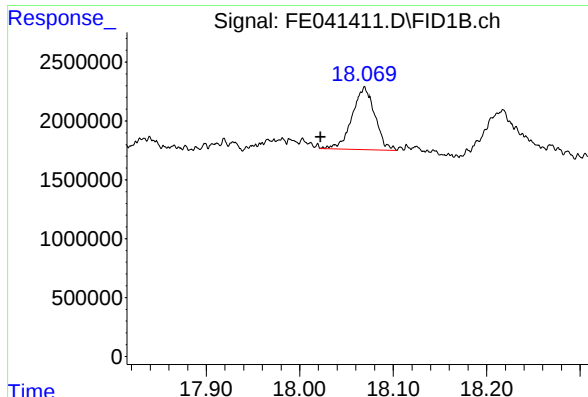
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: 0.041 min
Response: 9062098
Conc: 58.46 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: 0.003 min
Response: 9620602
Conc: 62.81 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: 0.047 min
Response: 8884259
Conc: 58.12 ug/ml

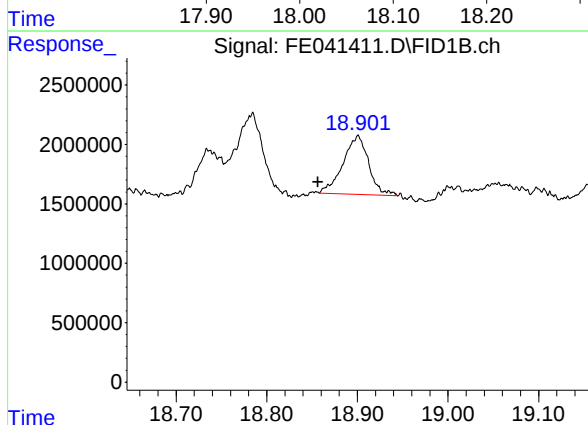
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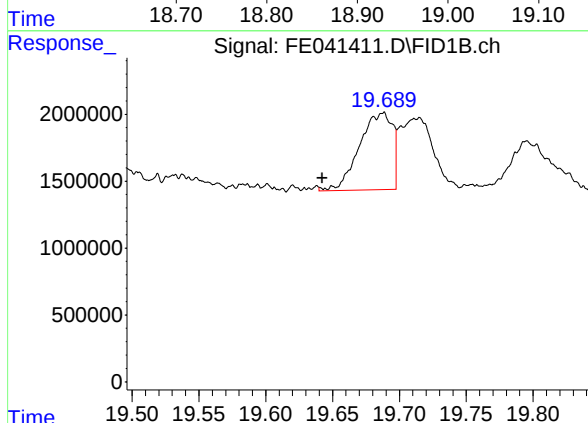
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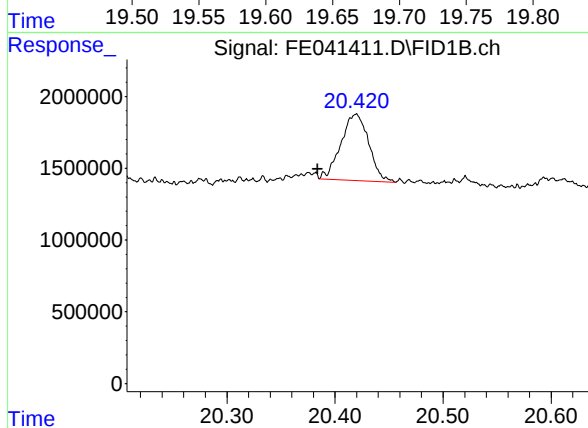
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.044 min
Response: 9671423
Conc: 61.95 ug/ml m



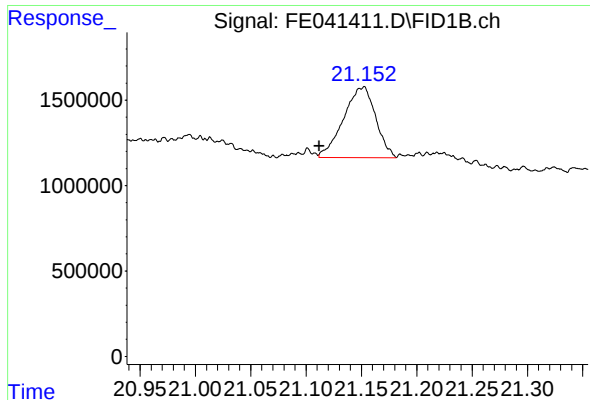
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.046 min
Response: 9847738
Conc: 63.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: 0.036 min
Response: 8255544
Conc: 54.35 ug/ml m



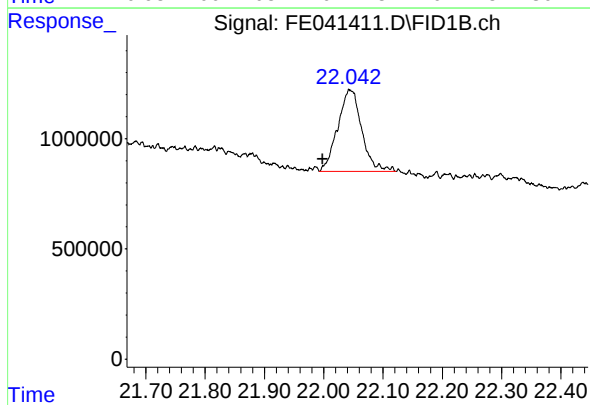
#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.040 min
Response: 8357423
Conc: 53.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.044 min
Response: 10371576
Conc: 64.98 ug/ml m