

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
 Data File : FE048923.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2024 18:51
 Operator : YP\AJ
 Sample : P3115-12MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-325MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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			
Target Compounds			
1) T n-Nonane (C9)	3.320	3642748	24.230 ug/ml
2) T n-Decane (C10)	4.571	4558062	29.619 ug/ml
3) T A~Naphthalene (C11.7)	6.279	5773165	36.366 ug/ml
4) T n-Dodecane (C12)	6.739	5475515	35.469 ug/ml
5) T A~2-methylnaphthalene...	7.377	6462628	42.675 ug/mlm
6) T n-Tetradecane (C14)	8.578	7306749	47.674 ug/mlm
7) T n-Hexadecane (C16)	10.160	2128569	13.613 ug/mlm
8) T n-Octadecane (C18)	11.603	2555147	16.021 ug/mlm
10) T n-Eicosane (C20)	12.910	2584166	16.668 ug/mlm
11) T n-Heneicosane (C21)	13.512	1802166	11.836 ug/mlm
13) T n-Docosane (C22)	14.161	5238941	34.641 ug/mlm
14) T n-Tetracosane (C24)	15.219	14054648	93.523 ug/mlm
15) T n-Hexacosane (C26)	16.263	6430197	43.556 ug/mlm
16) T n-Octacosane (C28)	17.207	6246137	43.311 ug/mlm
17) T n-Tricontane (C30)	18.092	6649338	45.450 ug/mlm
18) T n-Dotriacontane (C32)	18.923	8402836	58.769 ug/ml
19) T n-Tetratriacontane (C34)	19.702	8796260	63.570 ug/mlm
20) T n-Hexatriacontane (C36)	20.442	6344442	48.816 ug/mlm
21) T n-Octatriacontane (C38)	21.182	12761822	99.550 ug/mlm
22) T n-Tetracontane (C40)	22.096	10182655	83.151 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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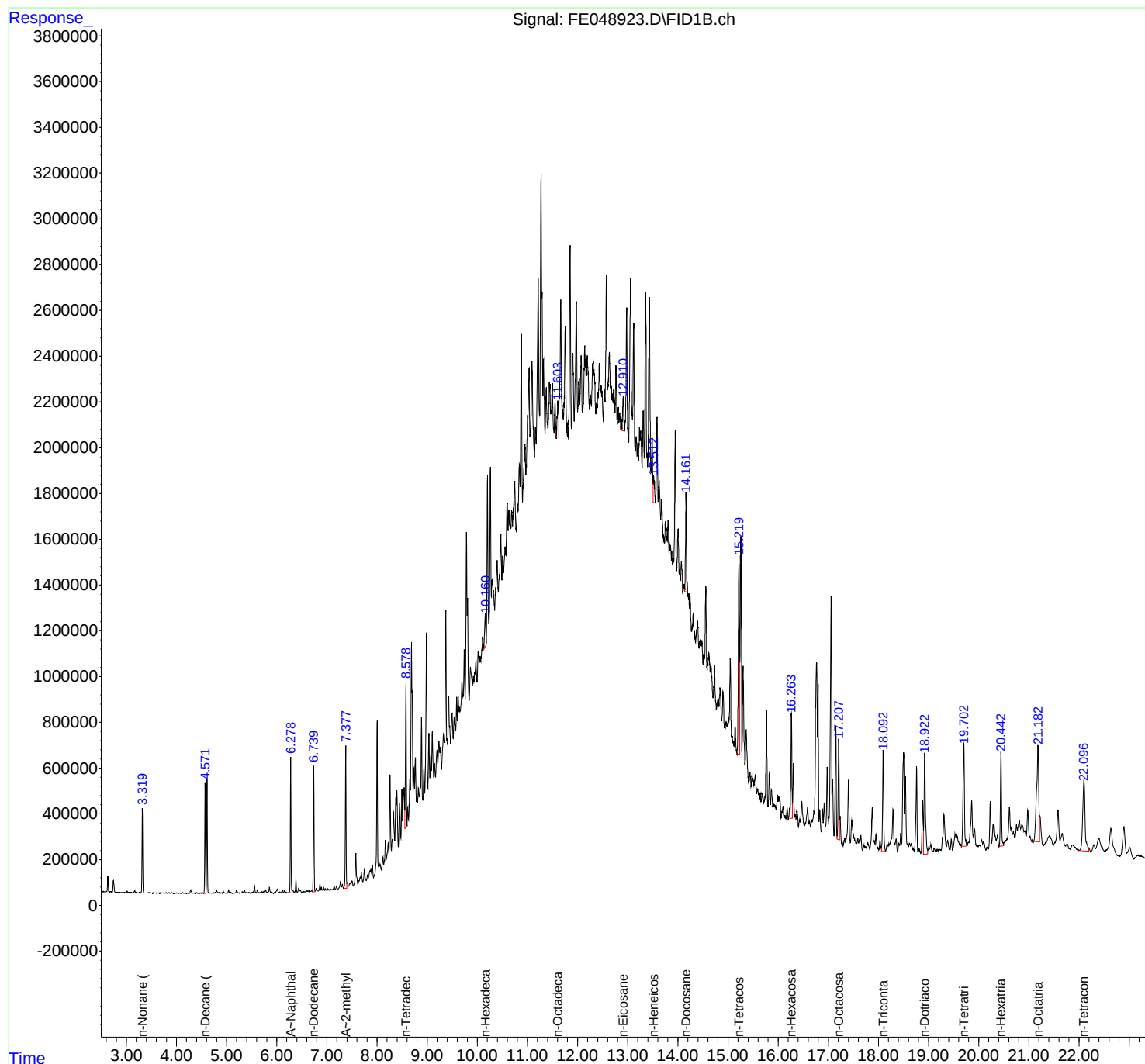
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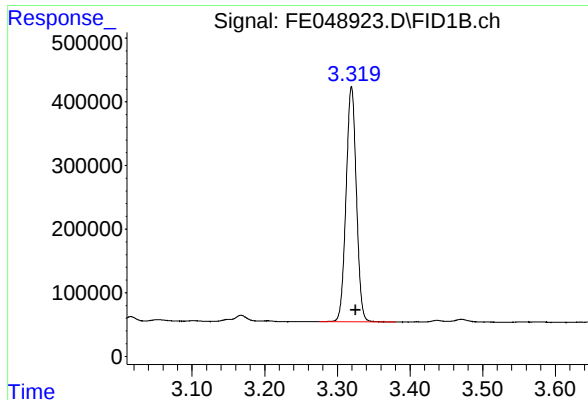
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.005 min
Response: 3642748
Conc: 24.23 ug/ml

Instrument :

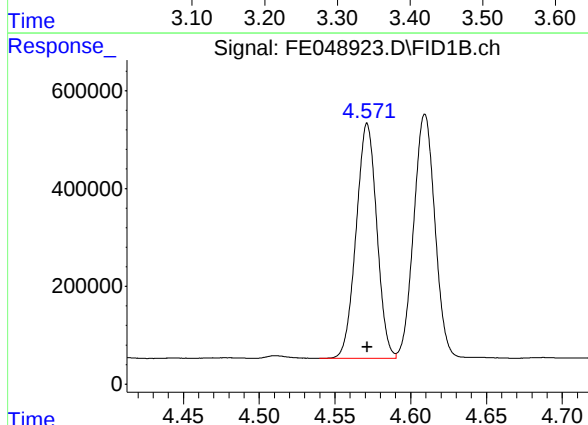
FID_E

ClientSampleId :

VNJ-325MSD

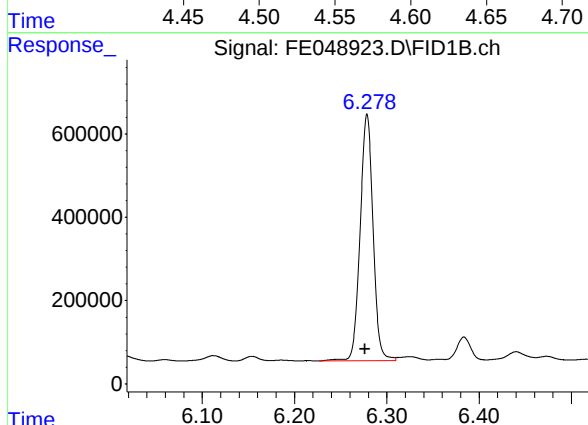
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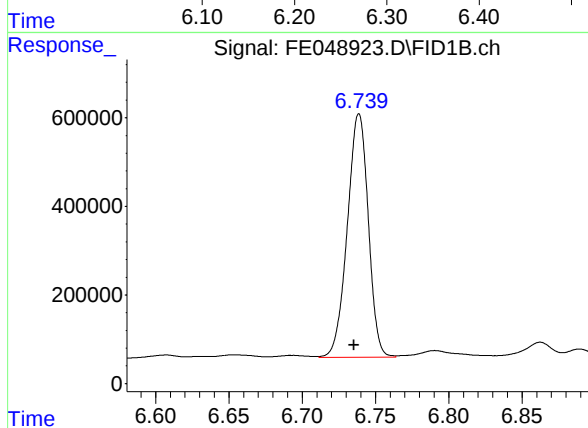
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 4558062
Conc: 29.62 ug/ml



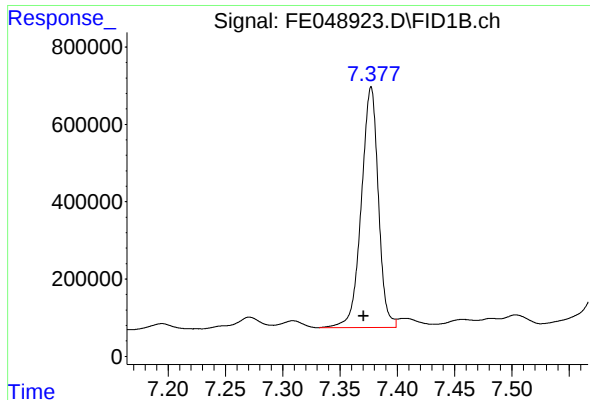
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 5773165
Conc: 36.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.003 min
Response: 5475515
Conc: 35.47 ug/ml



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

R.T.: 7.377 min
Delta R.T.: 0.006 min
Response: 6462628
Conc: 42.68 ug/ml

Instrument :

FID_E

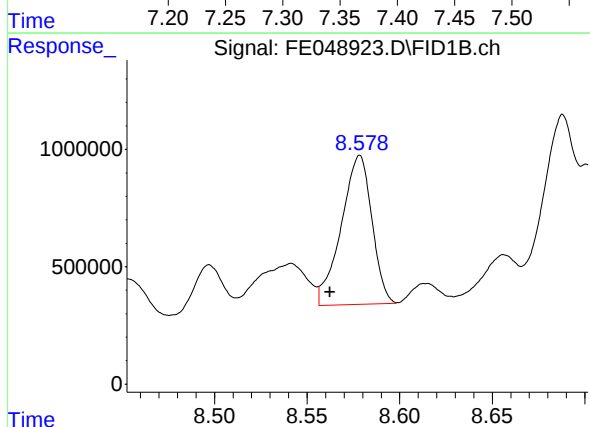
ClientSampleId :

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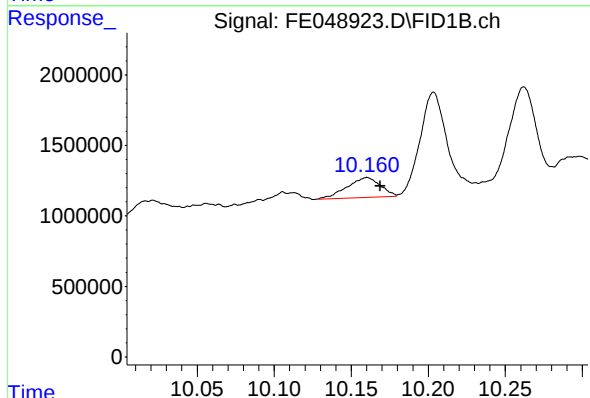
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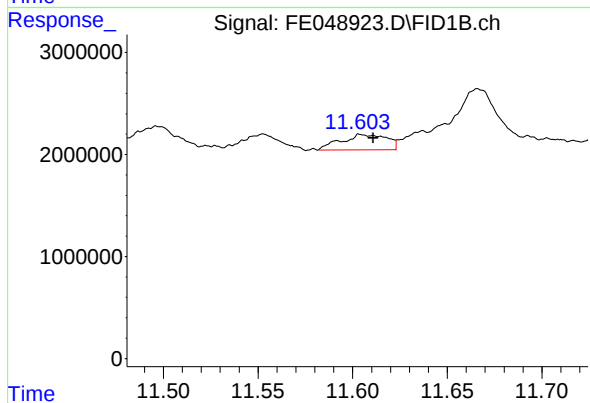
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.016 min
Response: 7306749
Conc: 47.67 ug/ml m



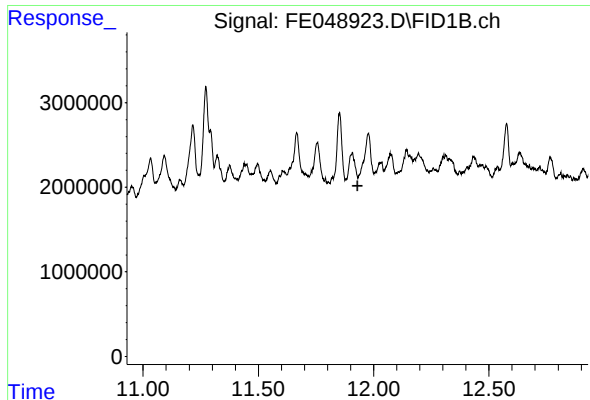
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 2128569
Conc: 13.61 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.008 min
Response: 2555147
Conc: 16.02 ug/ml m



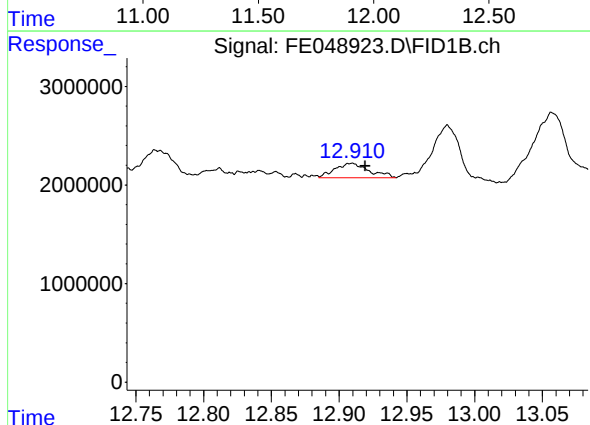
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.930 min
Response: 0
Conc: N.D.

Instrument :
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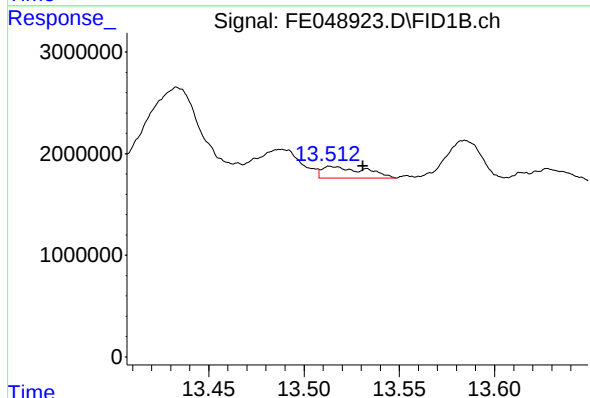
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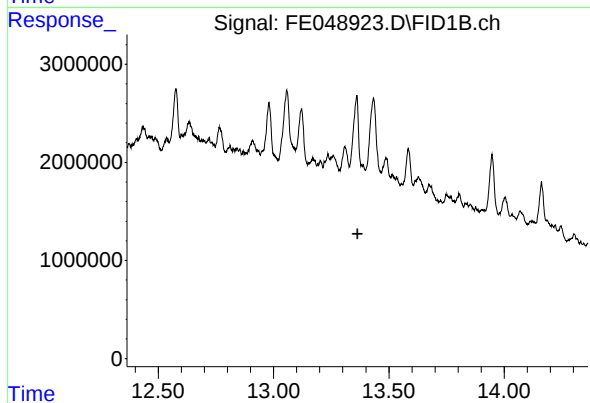
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.010 min
Response: 2584166
Conc: 16.67 ug/ml m



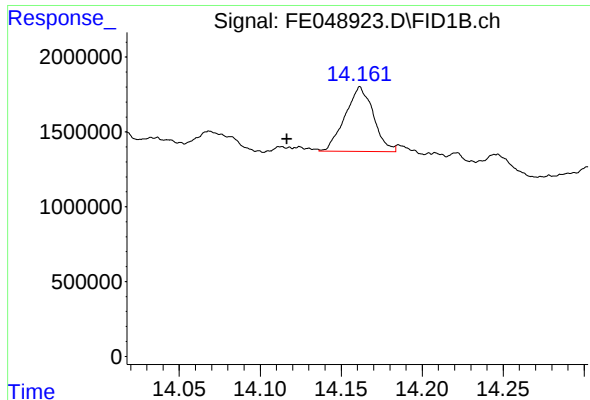
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.018 min
Response: 1802166
Conc: 11.84 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.364 min
Response: 0
Conc: N.D.



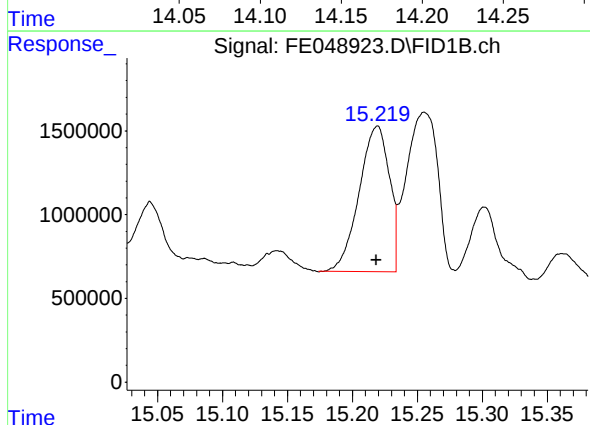
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.045 min
Response: 5238941
Conc: 34.64 ug/ml

Instrument :
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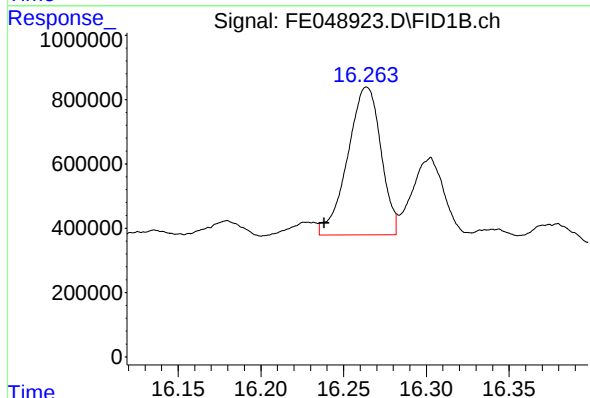
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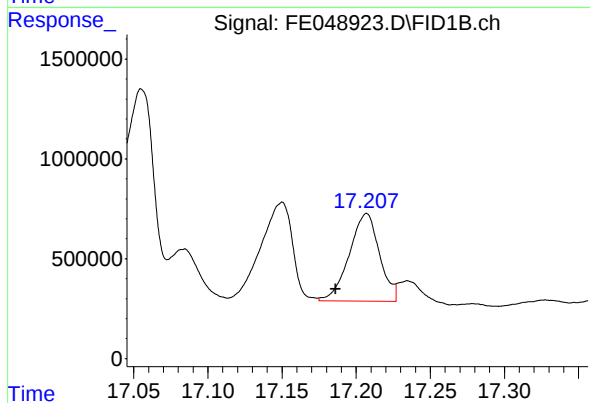
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 14054648
Conc: 93.52 ug/ml m



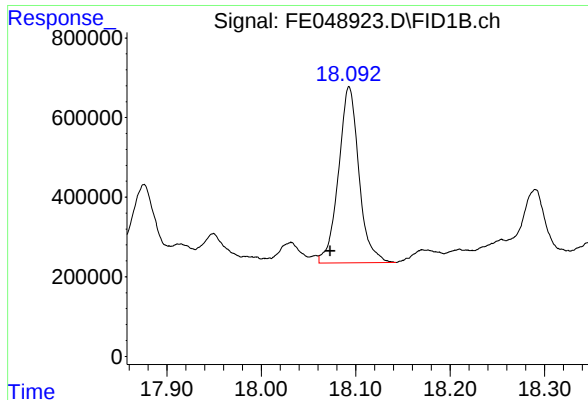
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.025 min
Response: 6430197
Conc: 43.56 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.020 min
Response: 6246137
Conc: 43.31 ug/ml m



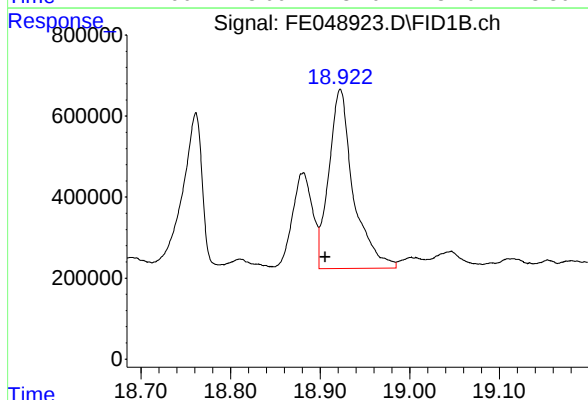
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: 0.019 min
Response: 6649338
Conc: 45.45 ug/ml

Instrument :
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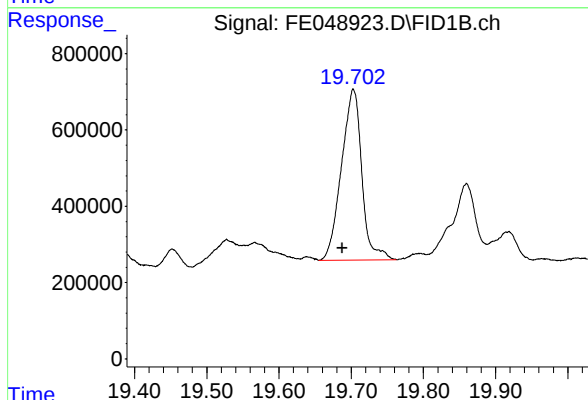
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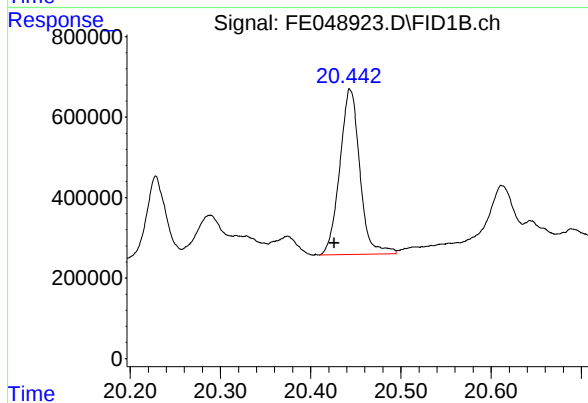
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.017 min
Response: 8402836
Conc: 58.77 ug/ml



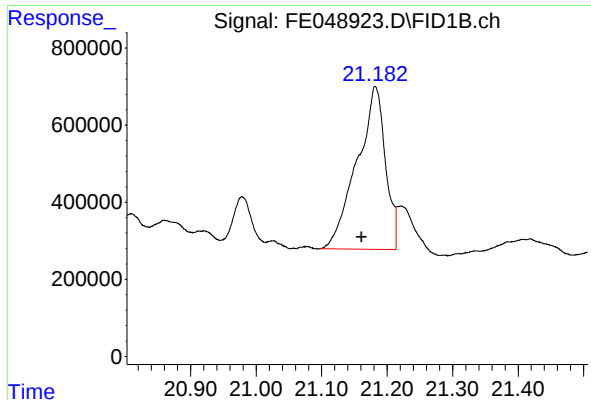
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.014 min
Response: 8796260
Conc: 63.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: 0.016 min
Response: 6344442
Conc: 48.82 ug/ml m



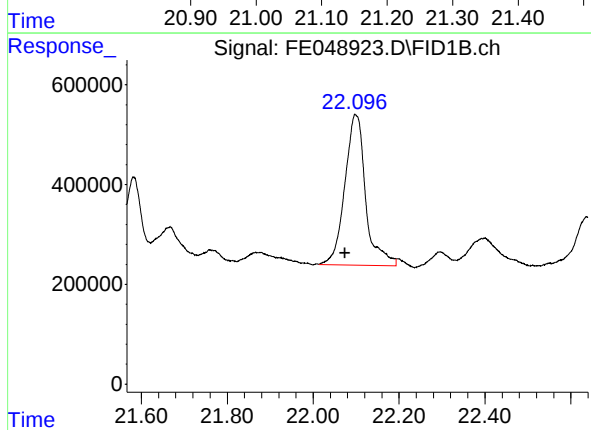
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: 0.021 min
Response: 12761822
Conc: 99.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.022 min
Response: 10182655
Conc: 83.15 ug/ml m