

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051395.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 18:20
 Operator : YP\AJ
 Sample : P4938-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-734MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e

Quant Time: Nov 22 03:50:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.846	6453940	42.999 ug/ml
Spiked Amount 50.000		Recovery =	86.00%
12) S 1-chlorooctadecane (S...	13.279	5608907	49.404 ug/ml
Spiked Amount 50.000		Recovery =	98.81%
Target Compounds			
1) T n-Nonane (C9)	3.233	4365397	31.549 ug/ml
2) T n-Decane (C10)	4.481	4834293	34.487 ug/ml
3) T A~Naphthalene (C11.7)	6.191	5165904	39.180 ug/mlm
4) T n-Dodecane (C12)	6.647	5453946	38.626 ug/ml
5) T A~2-methylnaphthalene...	7.288	5116572	40.902 ug/ml
6) T n-Tetradecane (C14)	8.476	6278795	45.053 ug/mlm
7) T n-Hexadecane (C16)	10.082	6555528	46.196 ug/ml
8) T n-Octadecane (C18)	11.525	6800301	47.619 ug/ml
10) T n-Eicosane (C20)	12.833	7434576	54.324 ug/ml
11) T n-Heneicosane (C21)	13.444	6578326	49.223 ug/ml
13) T n-Docosane (C22)	14.029	6363906	47.867 ug/ml
14) T n-Tetracosane (C24)	15.133	12034057	90.715 ug/ml
15) T n-Hexacosane (C26)	16.151	6229408	46.534 ug/mlm
16) T n-Octacosane (C28)	17.098	6595579	48.380 ug/ml
17) T n-Tricontane (C30)	17.985	6112624	42.073 ug/ml
18) T n-Dotriacontane (C32)	18.815	5929557	39.935 ug/ml
19) T n-Tetratriacontane (C34)	19.598	6002179	44.671 ug/ml
20) T n-Hexatriacontane (C36)	20.336	5579640	46.763 ug/ml
21) T n-Octatriacontane (C38)	21.058	5481301	48.159 ug/ml
22) T n-Tetracontane (C40)	21.937	5554182	49.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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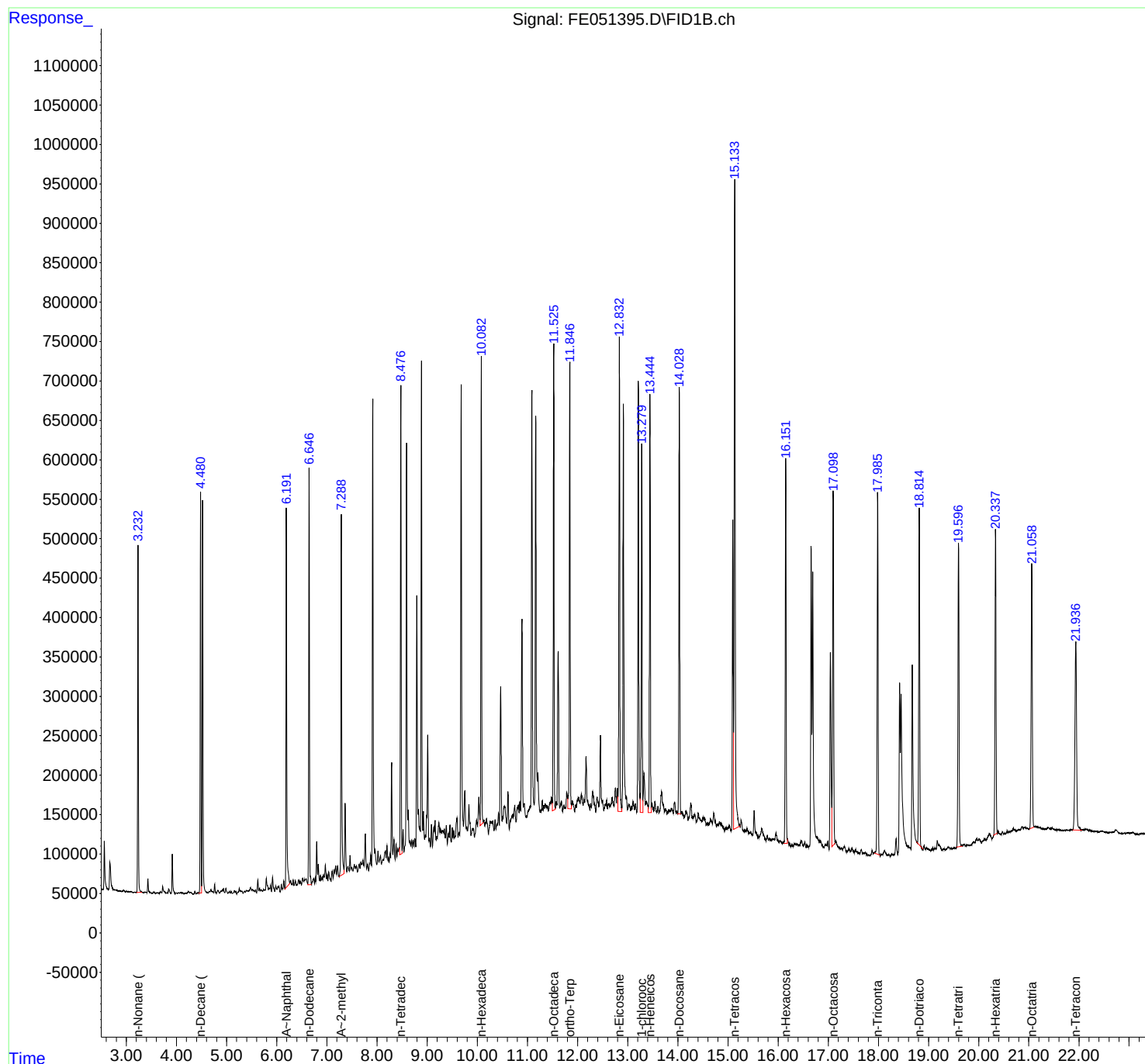
Instrument :
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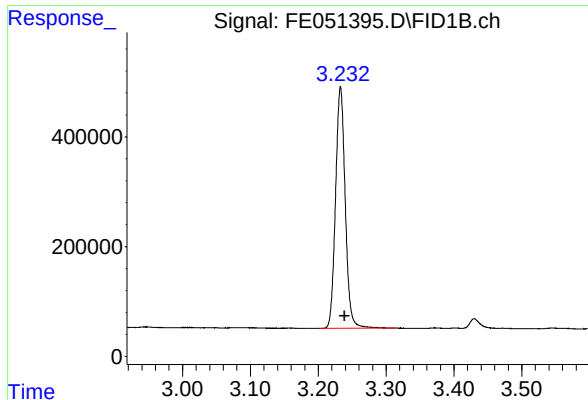
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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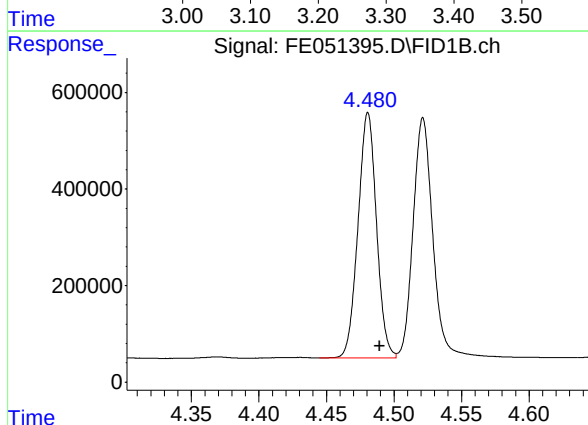
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 4365397
Conc: 31.55 ug/ml

Instrument :
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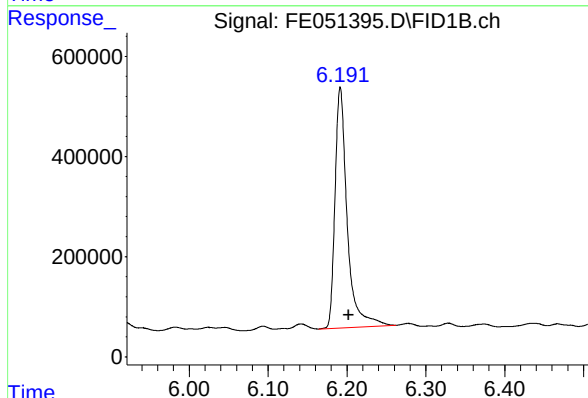
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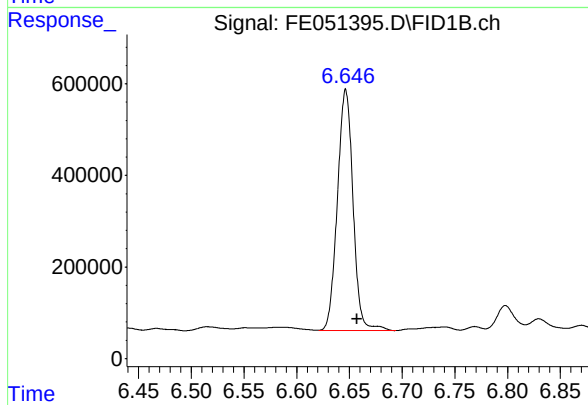
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 4834293
Conc: 34.49 ug/ml



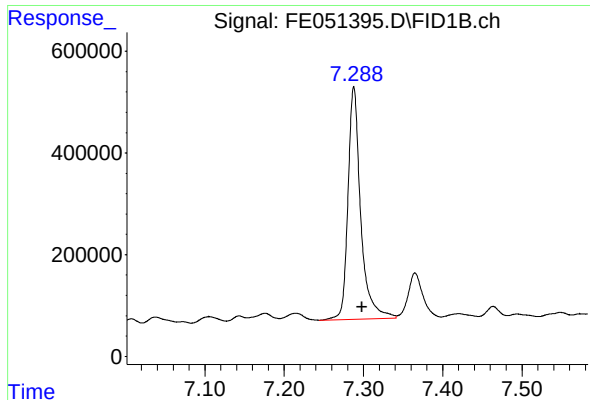
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.011 min
Response: 5165904
Conc: 39.18 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.011 min
Response: 5453946
Conc: 38.63 ug/ml



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

R.T.: 7.288 min
Delta R.T.: -0.010 min
Response: 5116572
Conc: 40.90 ug/ml

Instrument :

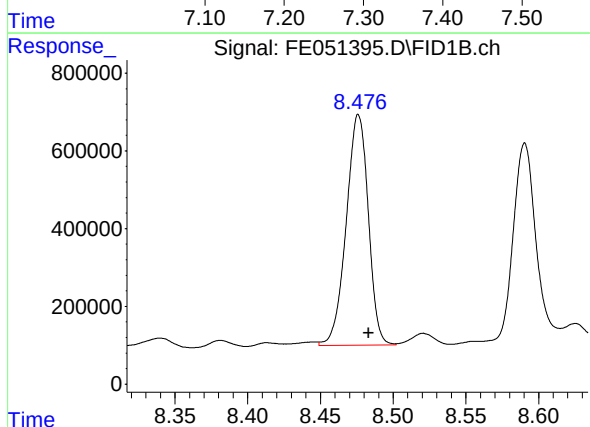
FID_E

ClientSampleId :

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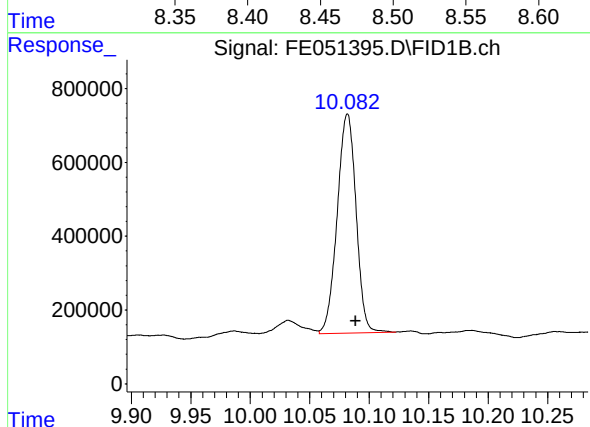
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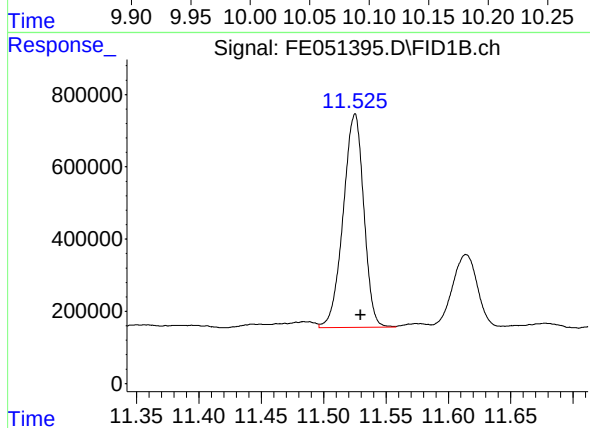
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.008 min
Response: 6278795
Conc: 45.05 ug/ml m



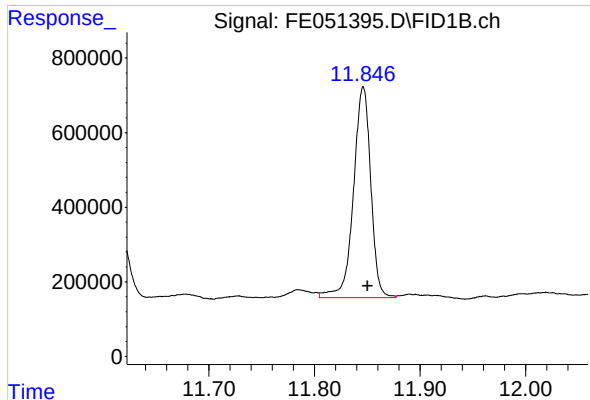
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.007 min
Response: 6555528
Conc: 46.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 6800301
Conc: 47.62 ug/ml



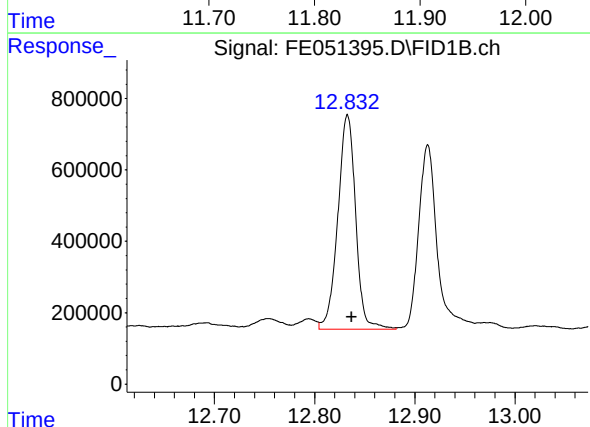
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.004 min
Response: 6453940
Conc: 43.00 ug/ml

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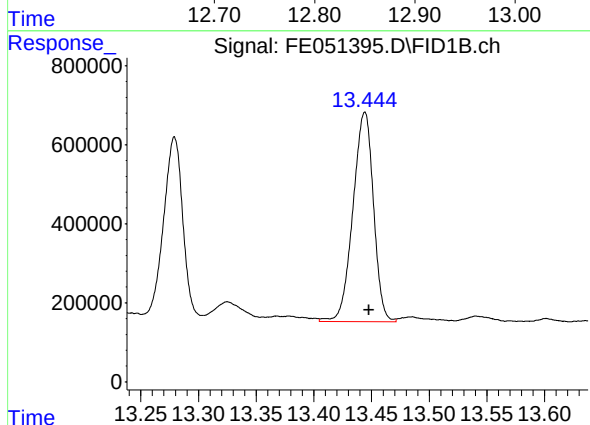
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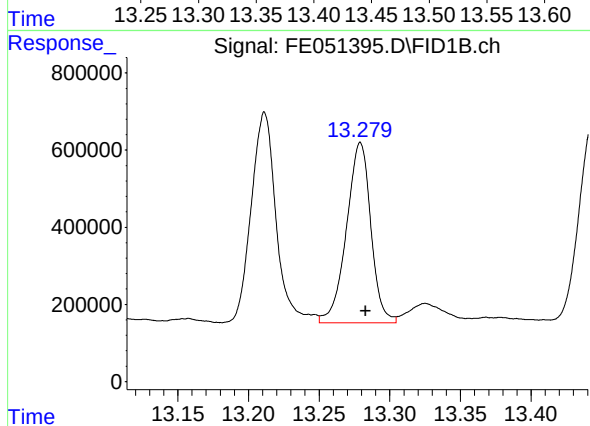
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 7434576
Conc: 54.32 ug/ml



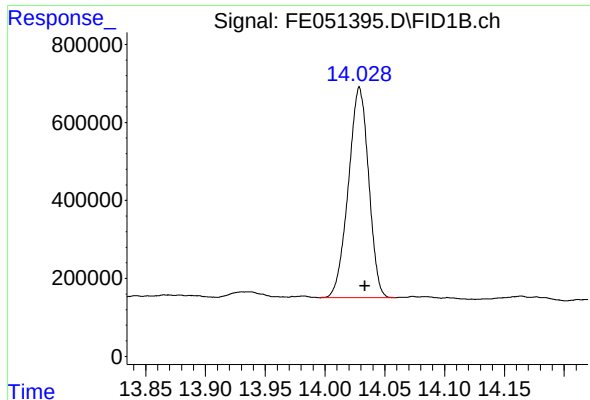
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.004 min
Response: 6578326
Conc: 49.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.004 min
Response: 5608907
Conc: 49.40 ug/ml



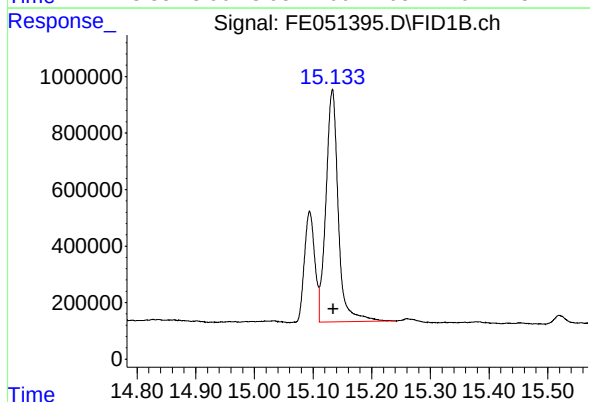
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.005 min
Response: 6363906
Conc: 47.87 ug/ml

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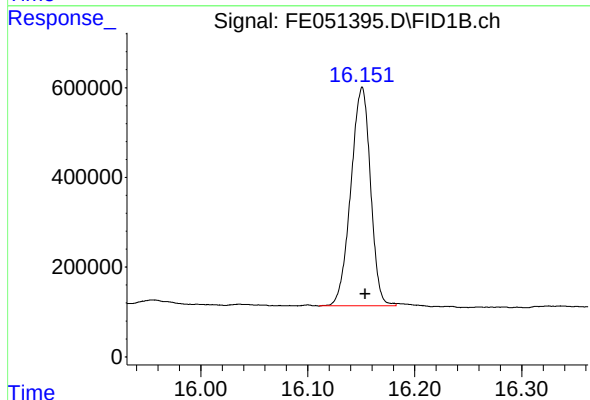
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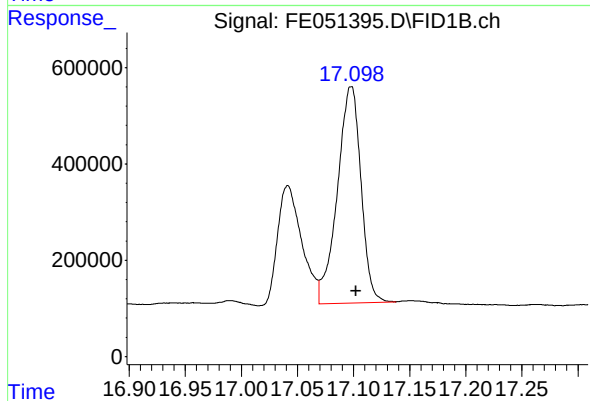
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.002 min
Response: 12034057
Conc: 90.72 ug/ml



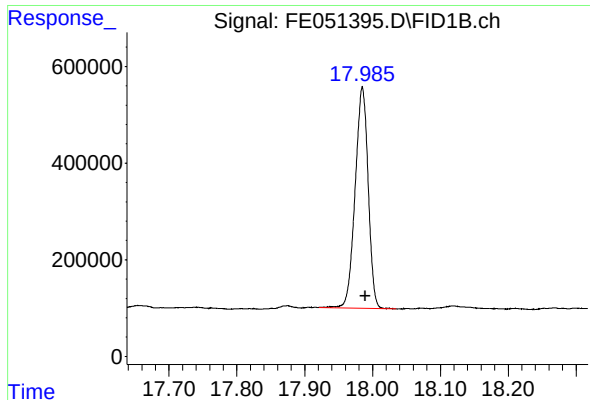
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.003 min
Response: 6229408
Conc: 46.53 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.098 min
Delta R.T.: -0.005 min
Response: 6595579
Conc: 48.38 ug/ml



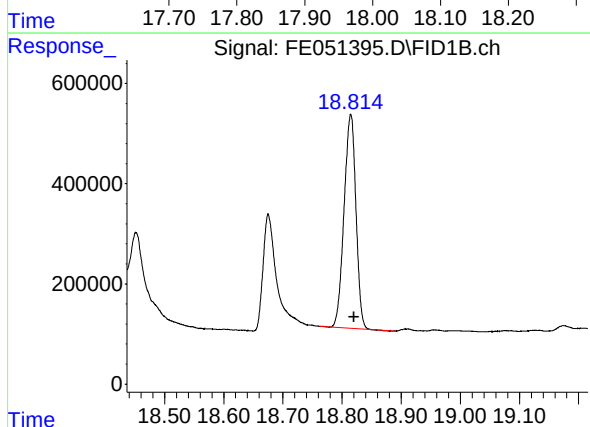
#17 n-Tricontane (C30)

R.T.: 17.985 min
Delta R.T.: -0.004 min
Response: 6112624
Conc: 42.07 ug/ml

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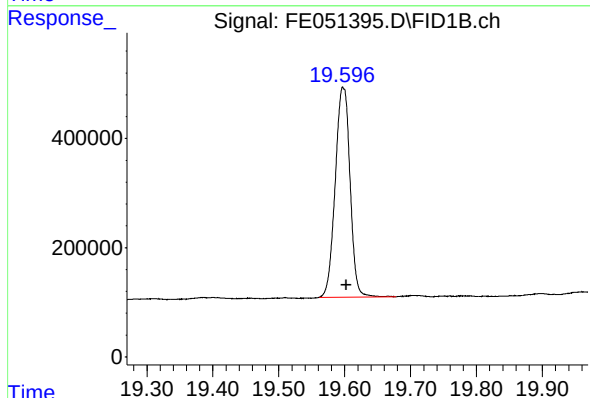
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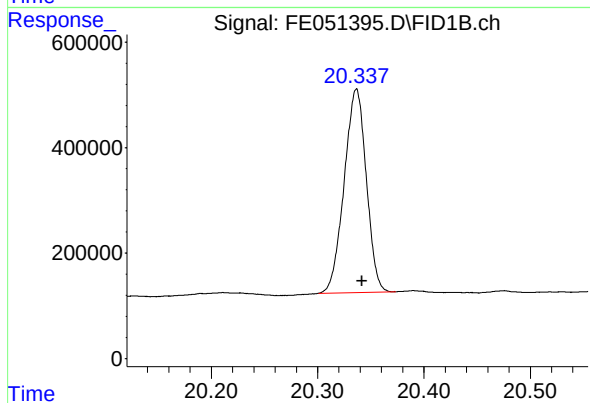
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 5929557
Conc: 39.93 ug/ml



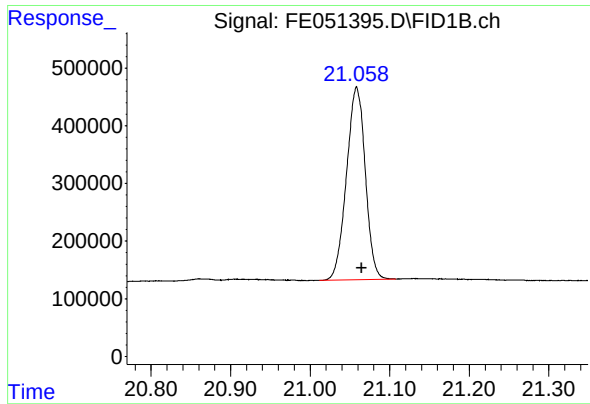
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 6002179
Conc: 44.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.005 min
Response: 5579640
Conc: 46.76 ug/ml



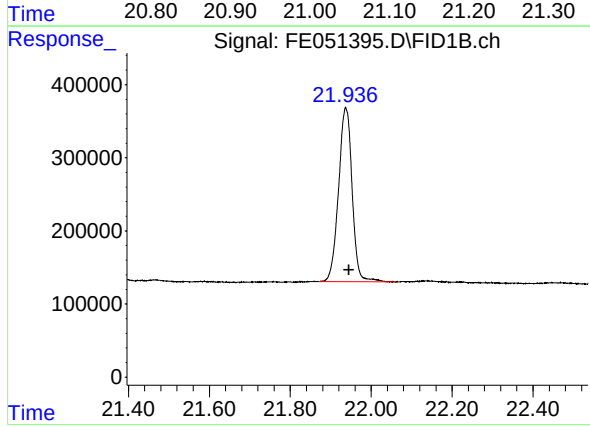
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.006 min
Response: 5481301
Conc: 48.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.007 min
Response: 5554182
Conc: 49.94 ug/ml