

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051443.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 19:47
 Operator : YP\AJ
 Sample : P4971-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CL-02-112224MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/26/2024

Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e

Quant Time: Nov 26 02:09:35 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)	11.840	4743775	31.605 ug/ml
Spiked Amount 50.000		Recovery =	63.21%
12) S 1-chlorooctadecane (S...	13.273	4229439	37.254 ug/ml
Spiked Amount 50.000		Recovery =	74.51%
Target Compounds			
1) T n-Nonane (C9)	3.229	3470062	25.078 ug/ml
2) T n-Decane (C10)	4.478	3971922	28.335 ug/ml
3) T A~Naphthalene (C11.7)	6.190	4482436	33.997 ug/ml
4) T n-Dodecane (C12)	6.644	4641310	32.871 ug/ml
5) T A~2-methylnaphthalene...	7.286	4213294	33.681 ug/ml
6) T n-Tetradecane (C14)	8.473	5018207	36.008 ug/ml
7) T n-Hexadecane (C16)	10.077	5256151	37.039 ug/mlm
8) T n-Octadecane (C18)	11.518	5313749	37.210 ug/ml
10) T n-Eicosane (C20)	12.827	5491012	40.123 ug/ml
11) T n-Heneicosane (C21)	13.439	5182861	38.781 ug/mlm
13) T n-Docosane (C22)	14.024	5154374	38.769 ug/ml
14) T n-Tetracosane (C24)	15.127	9541653	71.927 ug/ml
15) T n-Hexacosane (C26)	16.147	5055565	37.765 ug/ml
16) T n-Octacosane (C28)	17.095	5742630	42.123 ug/ml
17) T n-Tricontane (C30)	17.984	5625339	38.719 ug/mlm
18) T n-Dotriacontane (C32)	18.815	5157394	34.734 ug/ml
19) T n-Tetratriacontane (C34)	19.598	5306835	39.496 ug/ml
20) T n-Hexatriacontane (C36)	20.338	4839476	40.559 ug/ml
21) T n-Octatriacontane (C38)	21.062	5239893	46.038 ug/mlm
22) T n-Tetracontane (C40)	21.945	6834979	61.454 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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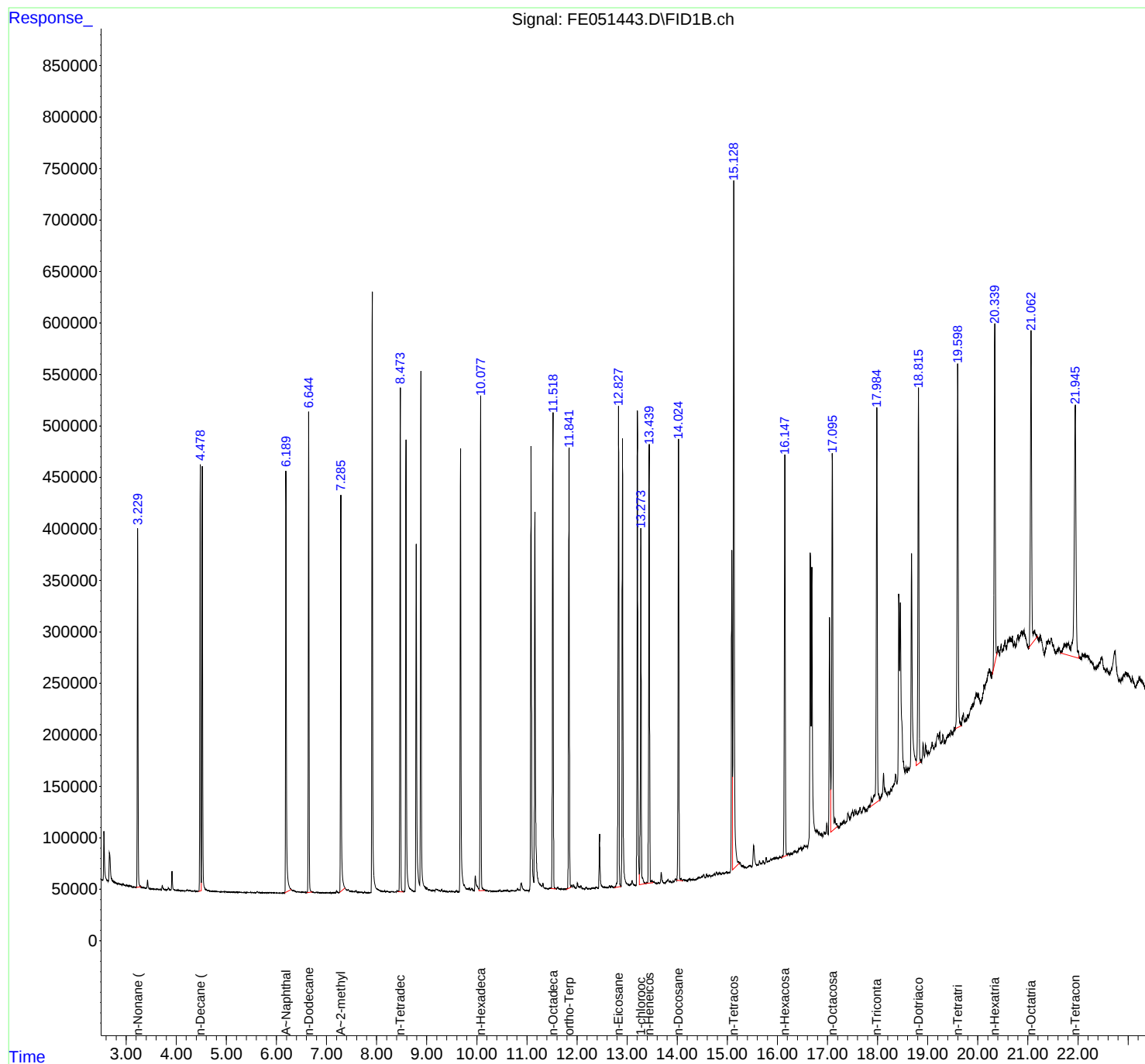
Instrument :
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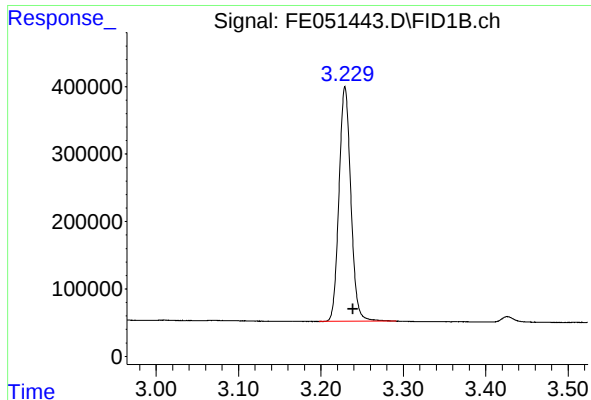
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 3470062
Conc: 25.08 ug/ml

Instrument :

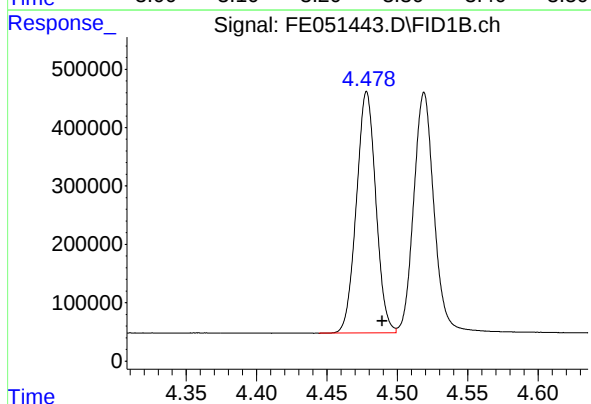
FID_E

ClientSampleId :

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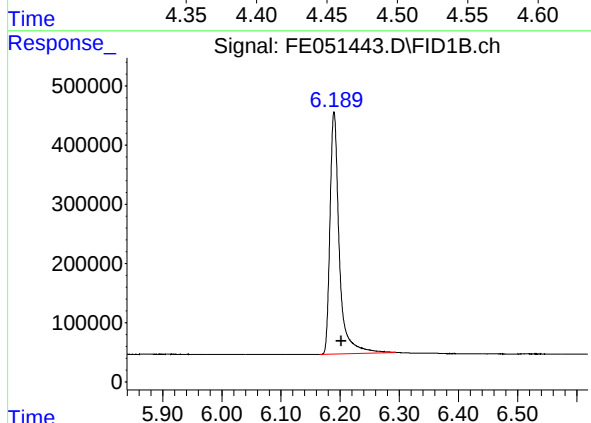
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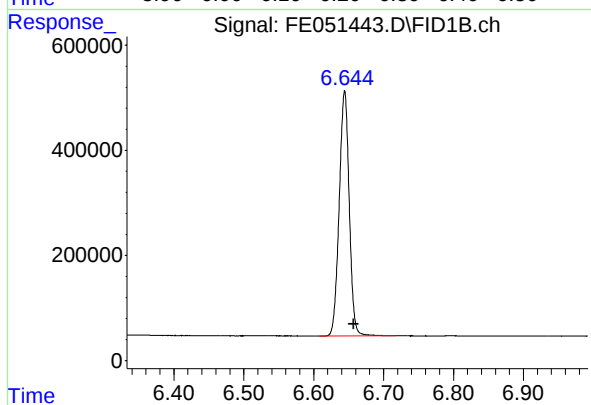
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.011 min
Response: 3971922
Conc: 28.33 ug/ml



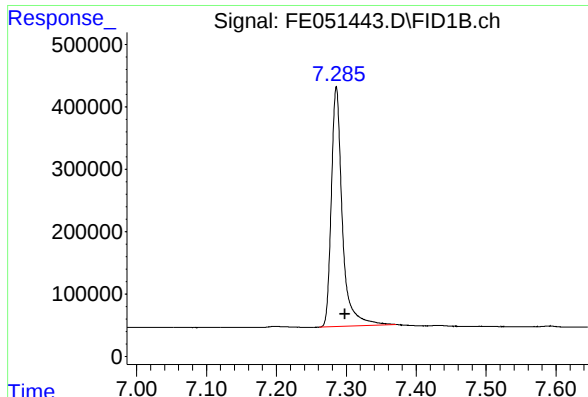
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 4482436
Conc: 34.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 4641310
Conc: 32.87 ug/ml



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

R.T.: 7.286 min
Delta R.T.: -0.012 min
Response: 4213294
Conc: 33.68 ug/ml

Instrument :

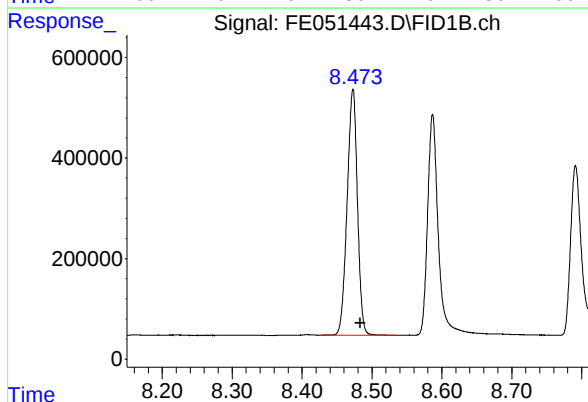
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ClientSampleId :

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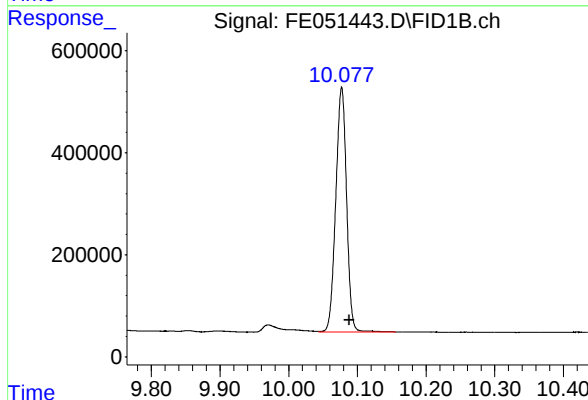
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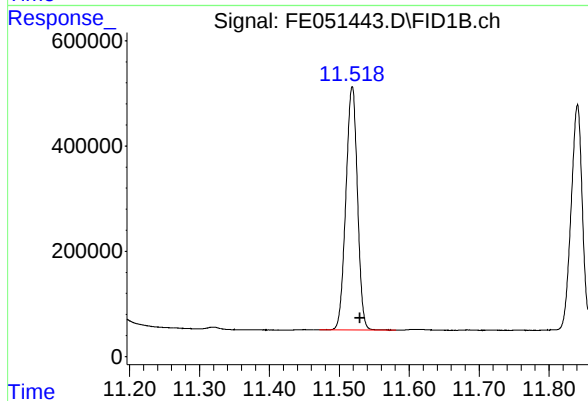
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.011 min
Response: 5018207
Conc: 36.01 ug/ml



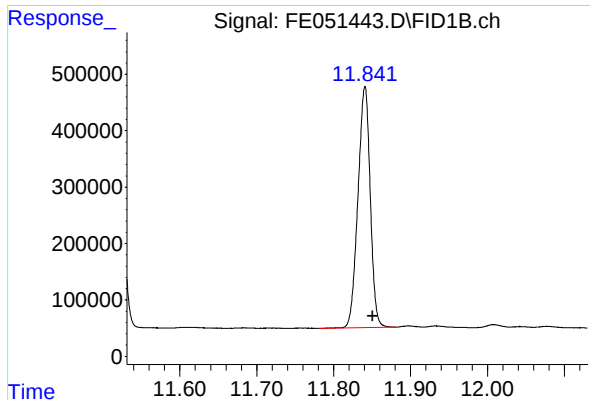
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.012 min
Response: 5256151
Conc: 37.04 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.012 min
Response: 5313749
Conc: 37.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.010 min
Response: 4743775
Conc: 31.61 ug/ml

Instrument :

FID_E

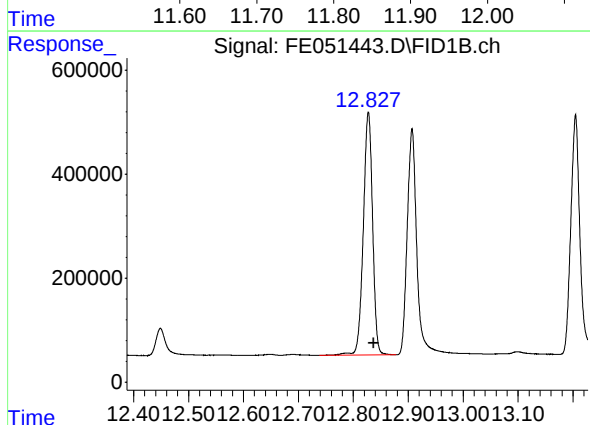
ClientSampleId :

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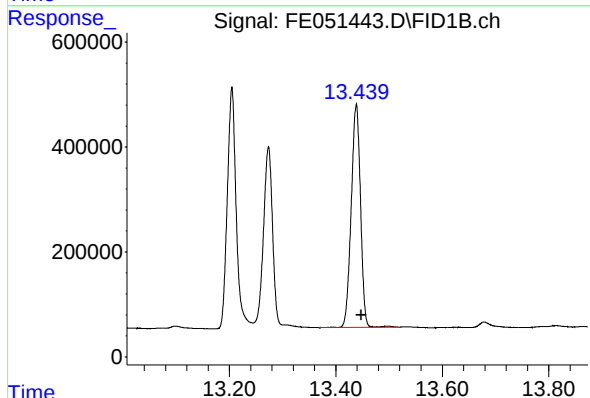
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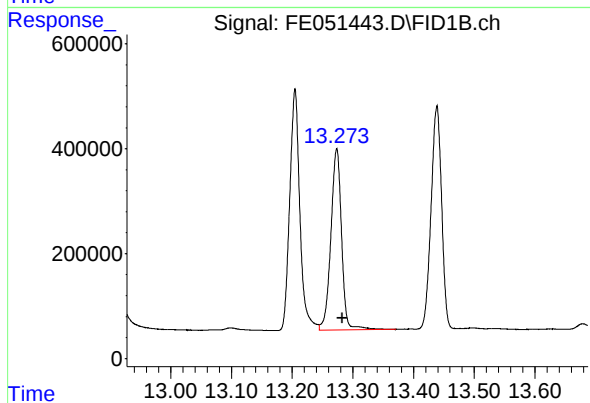
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.010 min
Response: 5491012
Conc: 40.12 ug/ml



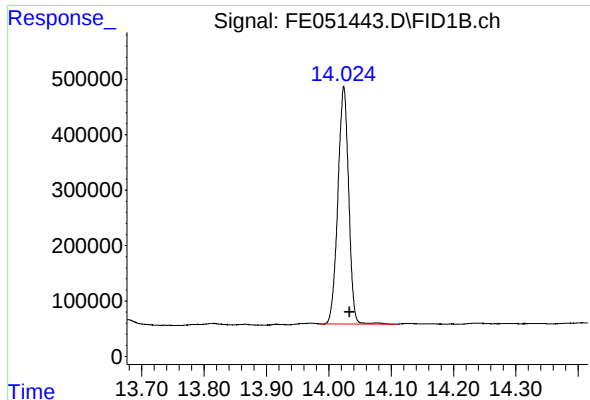
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 5182861
Conc: 38.78 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.010 min
Response: 4229439
Conc: 37.25 ug/ml



#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.010 min
Response: 5154374
Conc: 38.77 ug/ml

Instrument :

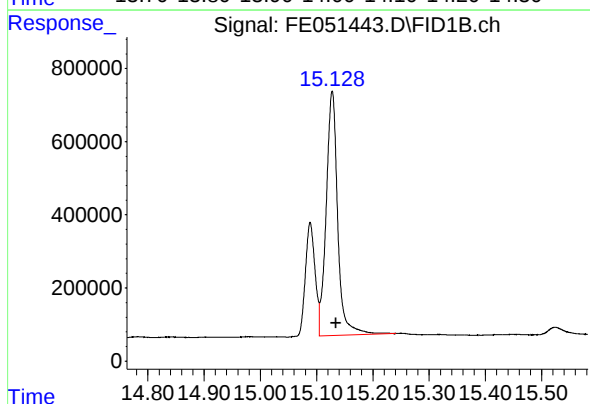
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ClientSampleId :

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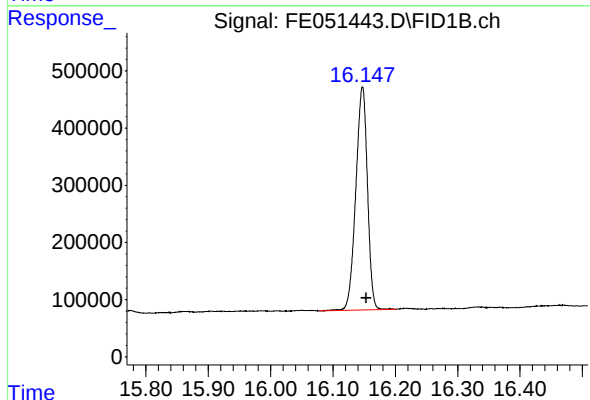
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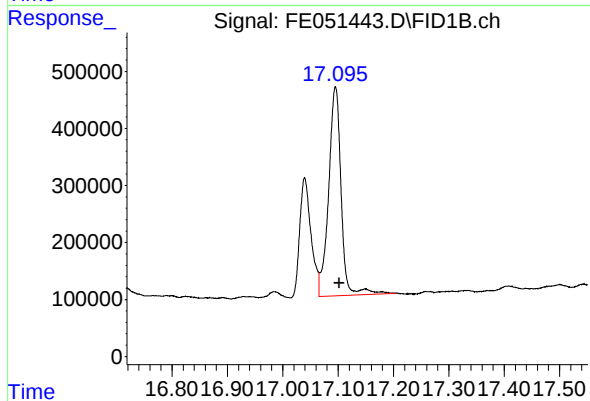
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.007 min
Response: 9541653
Conc: 71.93 ug/ml



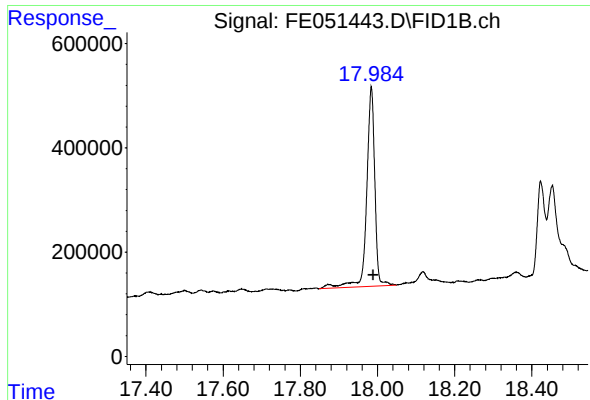
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.007 min
Response: 5055565
Conc: 37.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.007 min
Response: 5742630
Conc: 42.12 ug/ml



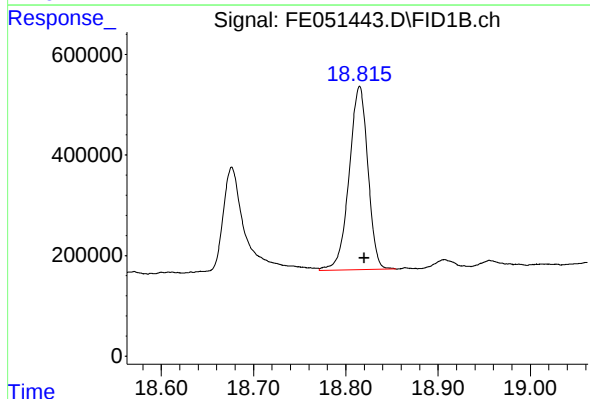
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: -0.006 min
Response: 5625339
Conc: 38.72 ug/ml

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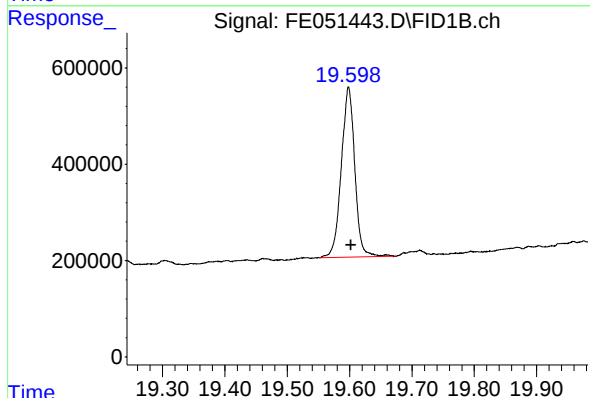
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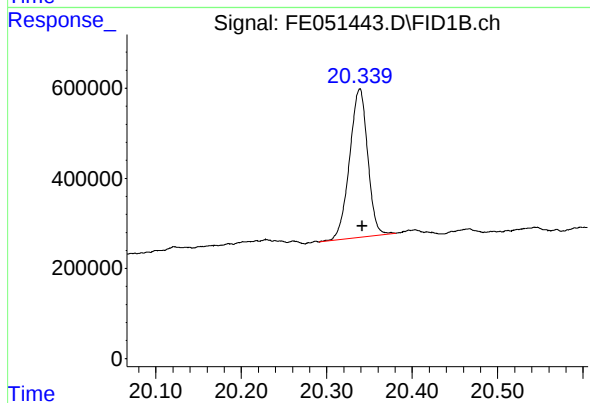
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.006 min
Response: 5157394
Conc: 34.73 ug/ml



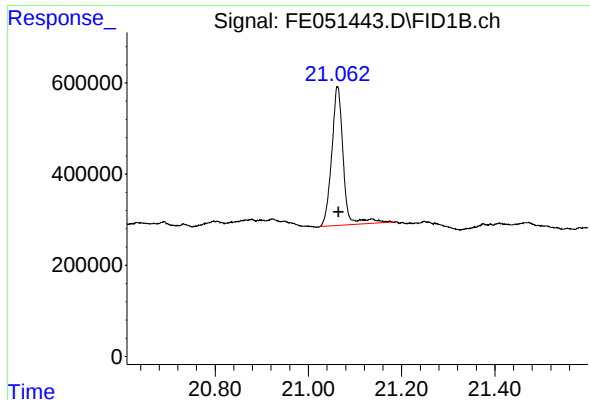
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 5306835
Conc: 39.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 4839476
Conc: 40.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.002 min
Response: 5239893
Conc: 46.04 ug/ml

Instrument :

FID_E

ClientSampleId :

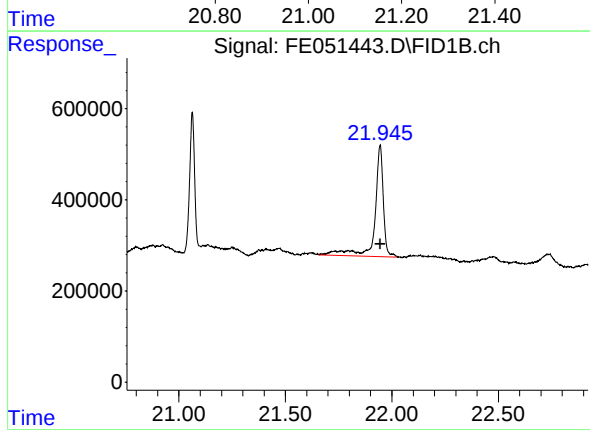
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#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: 0.000 min
Response: 6834979
Conc: 61.45 ug/ml m