

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110124AL\
 Data File : FE050975.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2024 20:34
 Operator : YP\AJ
 Sample : P4643-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-F8MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.855	6493005	41.185 ug/mlm
Spiked Amount 50.000		Recovery =	82.37%
12) S 1-chlorooctadecane (S...	13.287	5071838	42.875 ug/ml
Spiked Amount 50.000		Recovery =	85.75%
Target Compounds			
1) T n-Nonane (C9)	3.243	4756589	33.665 ug/ml
2) T n-Decane (C10)	4.494	5352712	37.308 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5609433	39.229 ug/ml
4) T n-Dodecane (C12)	6.661	5813497	40.390 ug/ml
5) T A~2-methylnaphthalene...	7.300	5347427	40.364 ug/ml
6) T n-Tetradecane (C14)	8.488	6285504	43.934 ug/ml
7) T n-Hexadecane (C16)	10.093	6775320	46.038 ug/ml
8) T n-Octadecane (C18)	11.535	7025199	47.032 ug/ml
10) T n-Eicosane (C20)	12.843	7081369	49.382 ug/ml
11) T n-Heneicosane (C21)	13.453	6810235	48.494 ug/ml
13) T n-Docosane (C22)	14.038	6786976	48.376 ug/ml
14) T n-Tetracosane (C24)	15.140	12910154	91.382 ug/mlm
15) T n-Hexacosane (C26)	16.161	6729829	47.825 ug/mlm
16) T n-Octacosane (C28)	17.108	7649285	52.274 ug/mlm
17) T n-Tricontane (C30)	17.995	6920342	43.523 ug/ml
18) T n-Dotriacontane (C32)	18.827	7134085	44.007 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	7048213	47.983 ug/ml
20) T n-Hexatriacontane (C36)	20.350	6999668	55.196 ug/ml
21) T n-Octatriacontane (C38)	21.075	7009685	56.691 ug/ml
22) T n-Tetracontane (C40)	21.959	6803930	61.104 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 21 Sample Multiplier: 1

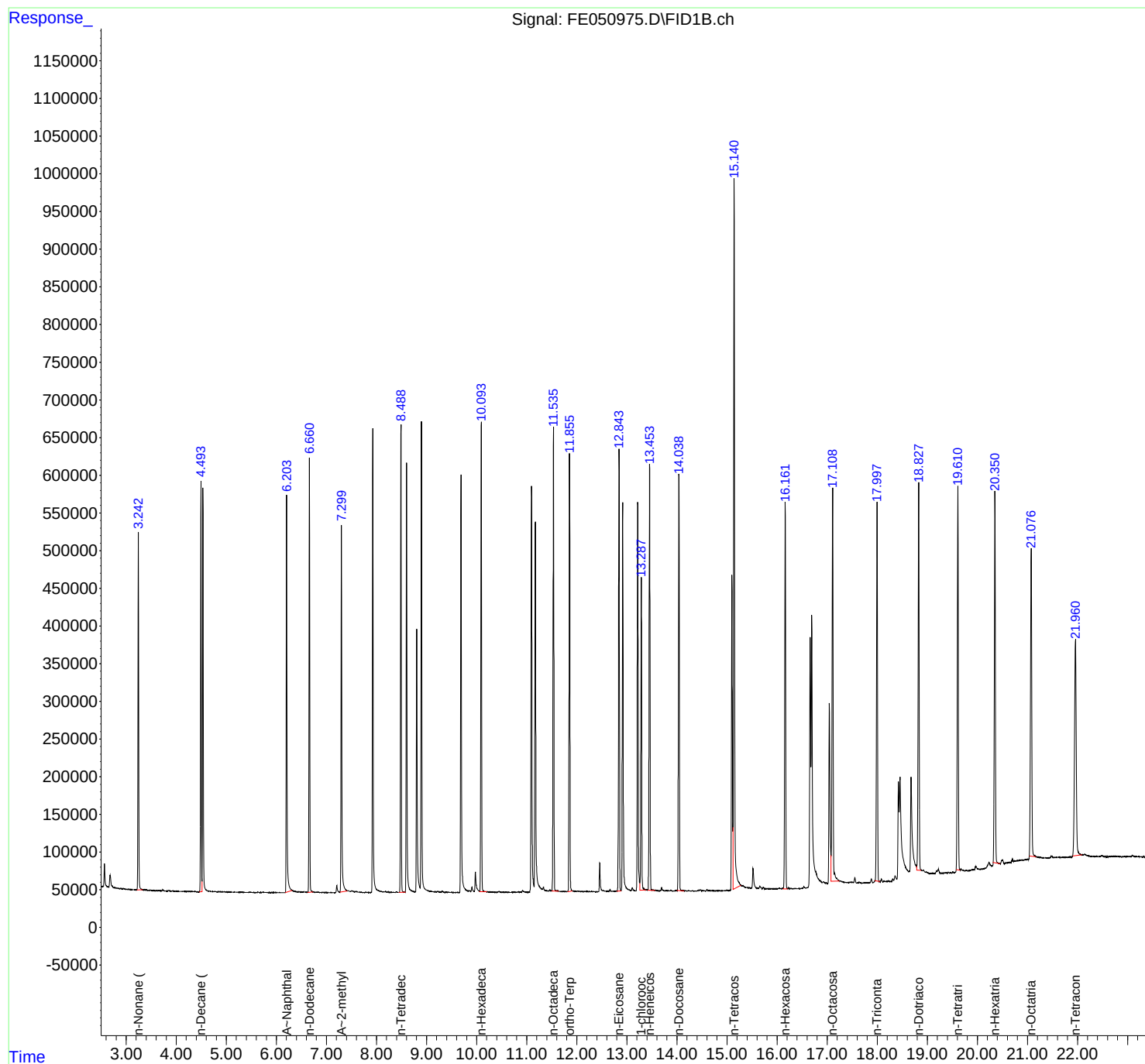
Instrument :
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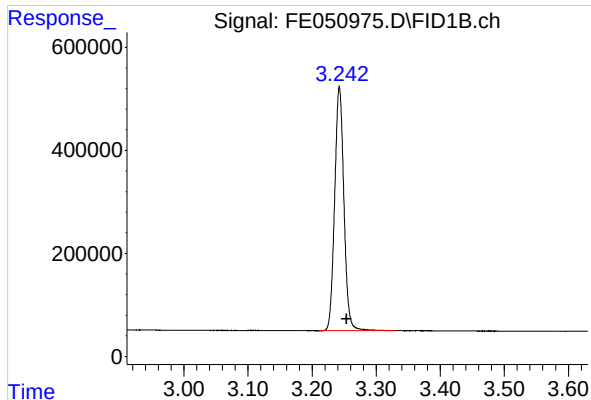
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Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.011 min
Response: 4756589
Conc: 33.67 ug/ml

Instrument :

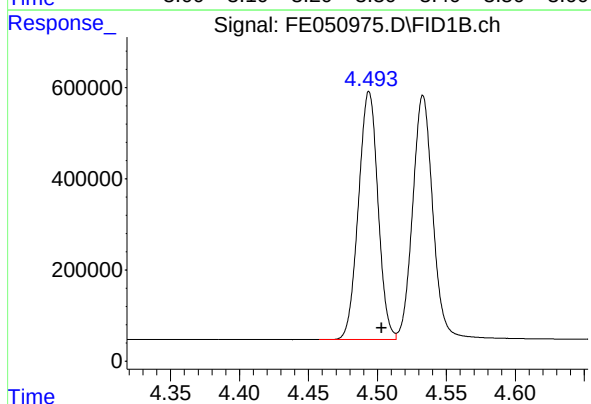
FID_E

ClientSampleId :

BP-F8MSD

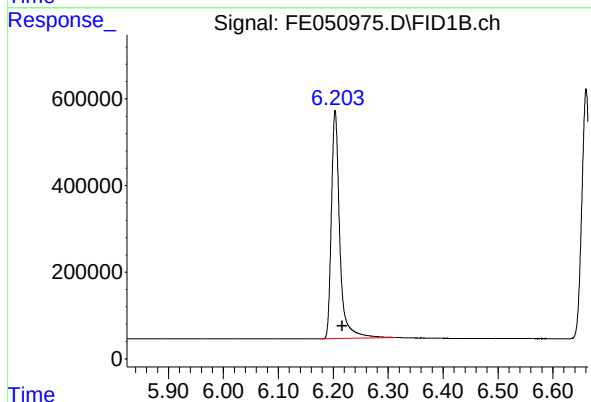
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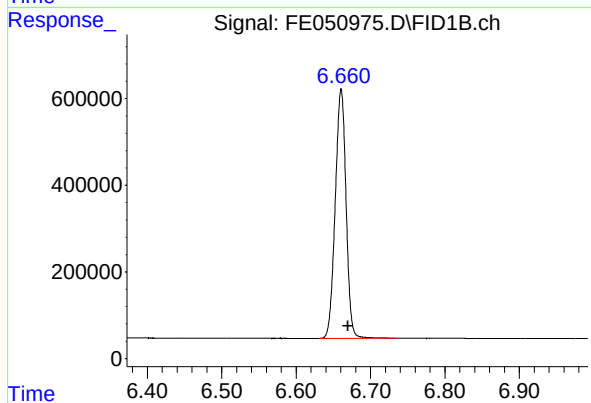
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.009 min
Response: 5352712
Conc: 37.31 ug/ml



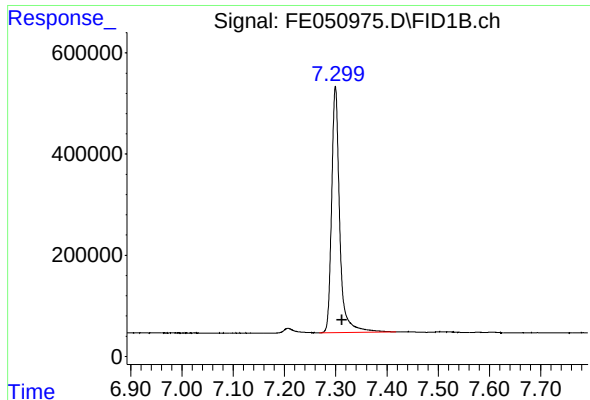
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.013 min
Response: 5609433
Conc: 39.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 5813497
Conc: 40.39 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5347427
Conc: 40.36 ug/ml

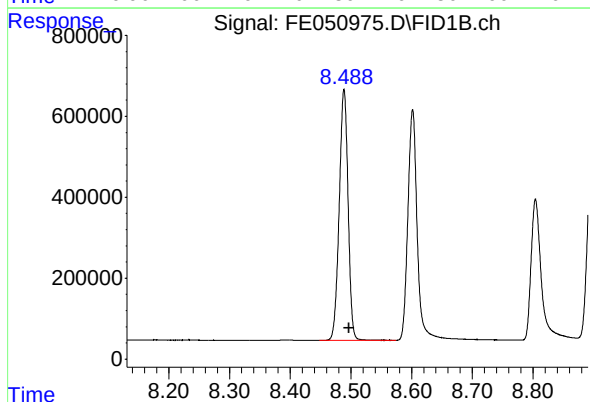
Instrument :

FID_E

ClientSampleId :
BP-F8MSD

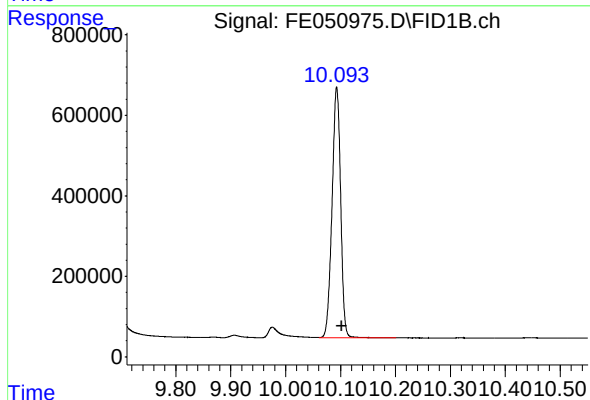
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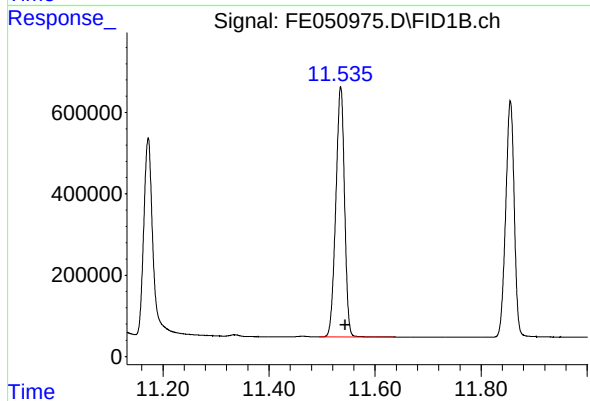
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.008 min
Response: 6285504
Conc: 43.93 ug/ml



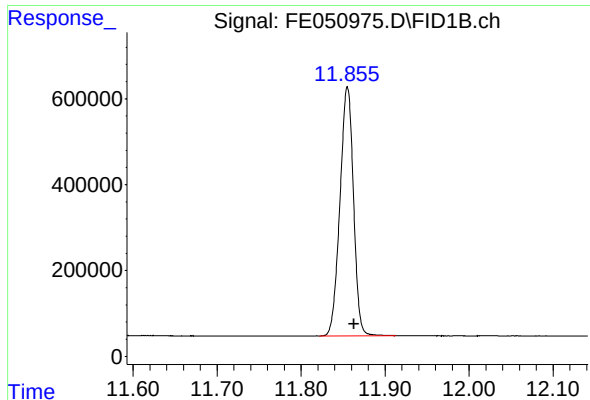
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.009 min
Response: 6775320
Conc: 46.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 7025199
Conc: 47.03 ug/ml



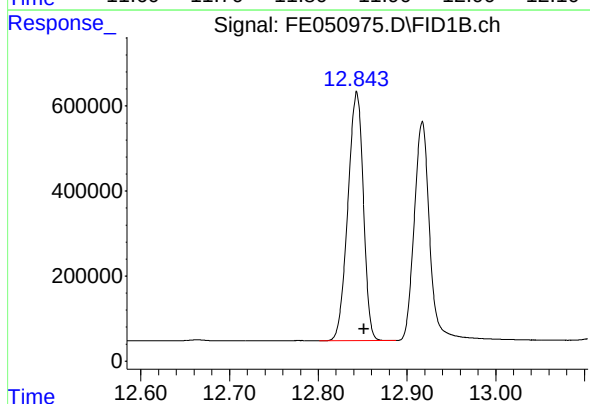
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.009 min
Response: 6493005
Conc: 41.18 ug/ml

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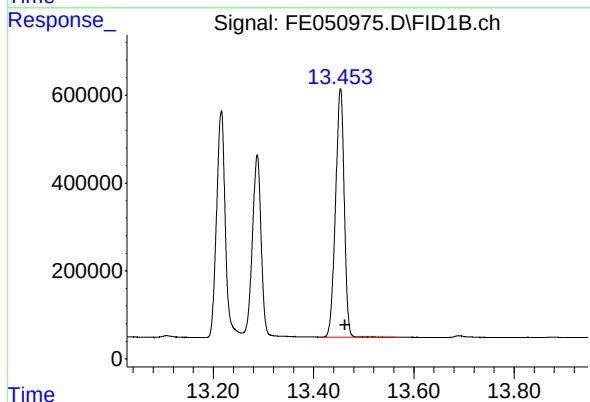
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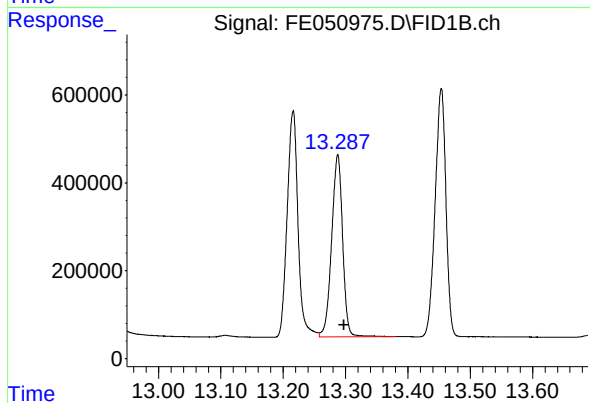
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 7081369
Conc: 49.38 ug/ml



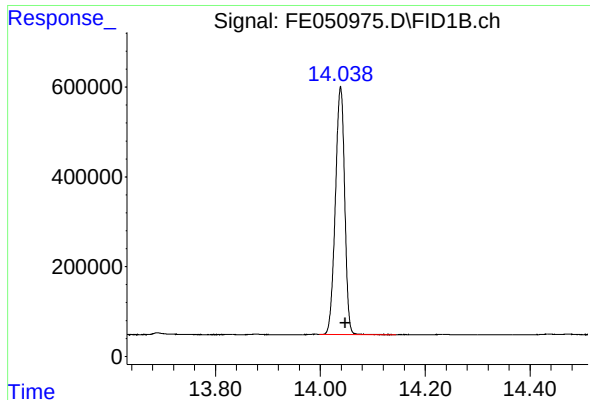
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 6810235
Conc: 48.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.011 min
Response: 5071838
Conc: 42.88 ug/ml



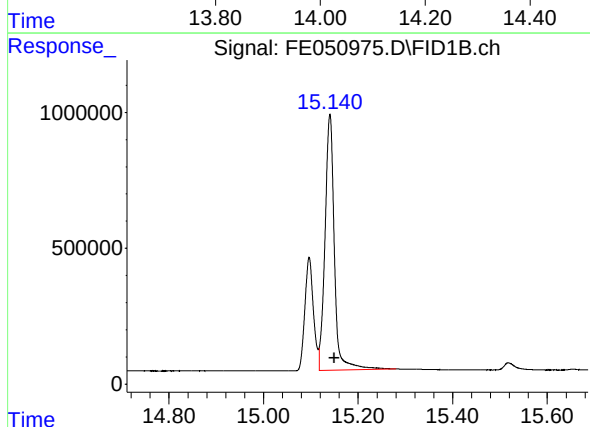
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 6786976
Conc: 48.38 ug/ml

Instrument :
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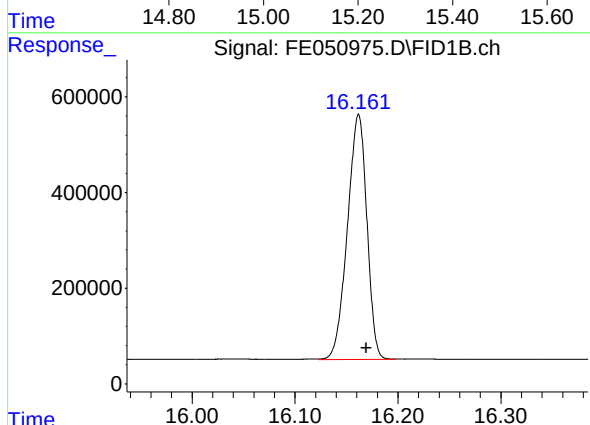
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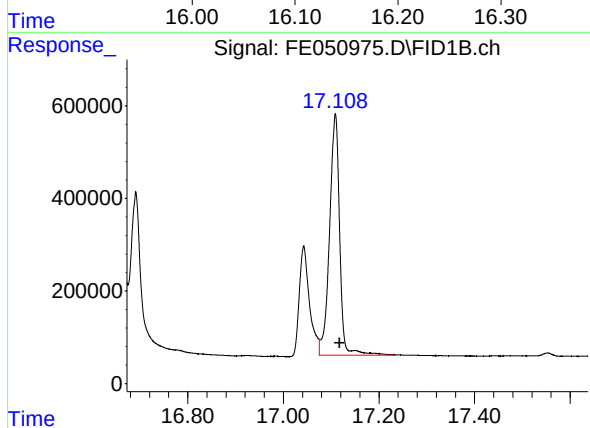
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 12910154
Conc: 91.38 ug/ml m



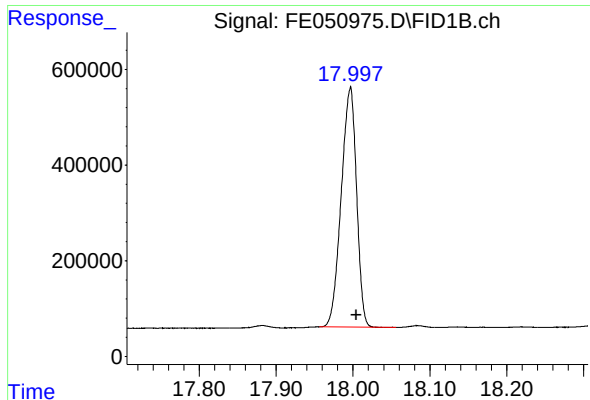
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 6729829
Conc: 47.83 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 7649285
Conc: 52.27 ug/ml m



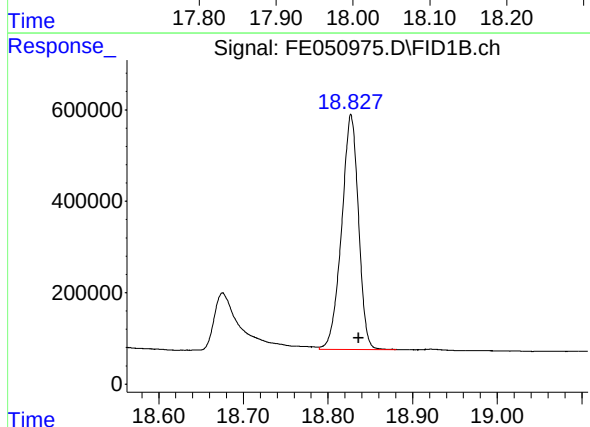
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 6920342
Conc: 43.52 ug/ml

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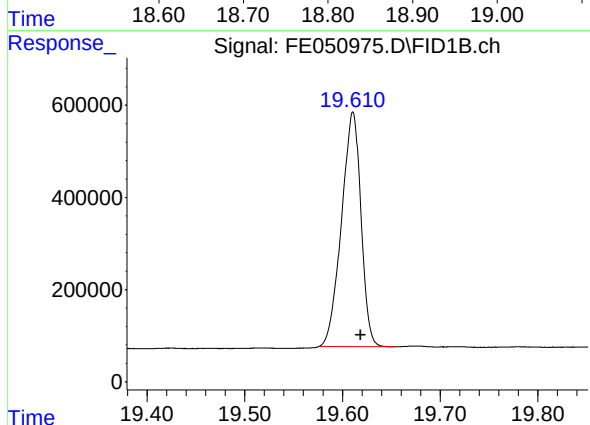
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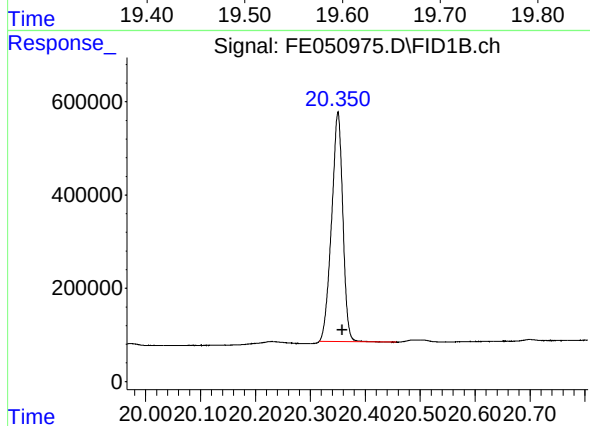
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.010 min
Response: 7134085
Conc: 44.01 ug/ml



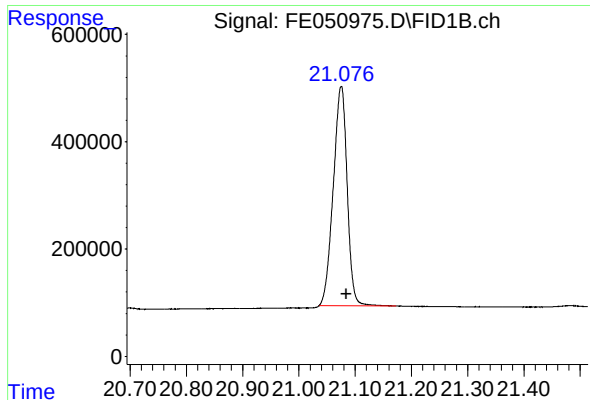
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 7048213
Conc: 47.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.009 min
Response: 6999668
Conc: 55.20 ug/ml



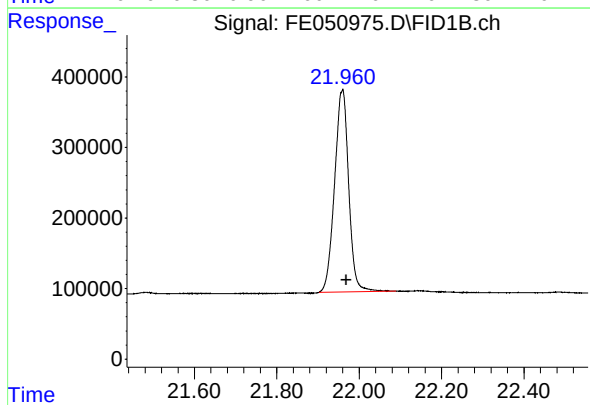
#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.010 min
Response: 7009685
Conc: 56.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.011 min
Response: 6803930
Conc: 61.10 ug/ml