

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049491.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 14:51
 Operator : YP\AJ
 Sample : PB162551BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162551BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 01:09:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.893	6380280	41.136 ug/ml
Spiked Amount 50.000		Recovery =	82.27%
12) S 1-chlorooctadecane (S...	13.327	5067982	43.377 ug/ml
Spiked Amount 50.000		Recovery =	86.75%
Target Compounds			
1) T n-Nonane (C9)	3.290	6308818	41.950 ug/ml
2) T n-Decane (C10)	4.537	6784582	43.927 ug/ml
3) T A~Naphthalene (C11.7)	6.240	7909754	50.768 ug/ml
4) T n-Dodecane (C12)	6.700	6946723	45.115 ug/ml
5) T A~2-methylnaphthalene...	7.335	7761974	53.336 ug/mlm
6) T n-Tetradecane (C14)	8.528	7436339	48.996 ug/ml
7) T n-Hexadecane (C16)	10.133	7602491	50.130 ug/ml
8) T n-Octadecane (C18)	11.576	7658041	50.438 ug/ml
10) T n-Eicosane (C20)	12.884	7671335	53.049 ug/ml
11) T n-Heneicosane (C21)	13.495	7466718	52.654 ug/ml
13) T n-Docosane (C22)	14.081	7399072	52.665 ug/ml
14) T n-Tetracosane (C24)	15.177	14560700	103.892 ug/ml
15) T n-Hexacosane (C26)	16.203	7375230	52.597 ug/ml
16) T n-Octacosane (C28)	17.150	7875459	56.267 ug/ml
17) T n-Tricontane (C30)	18.037	7495548	51.384 ug/ml
18) T n-Dotriacontane (C32)	18.868	7663204	52.117 ug/mlm
19) T n-Tetratriacontane (C34)	19.651	7818658	53.527 ug/ml
20) T n-Hexatriacontane (C36)	20.390	7878577	54.652 ug/ml
21) T n-Octatriacontane (C38)	21.120	8225714	54.952 ug/ml
22) T n-Tetracontane (C40)	22.016	7979886	52.880 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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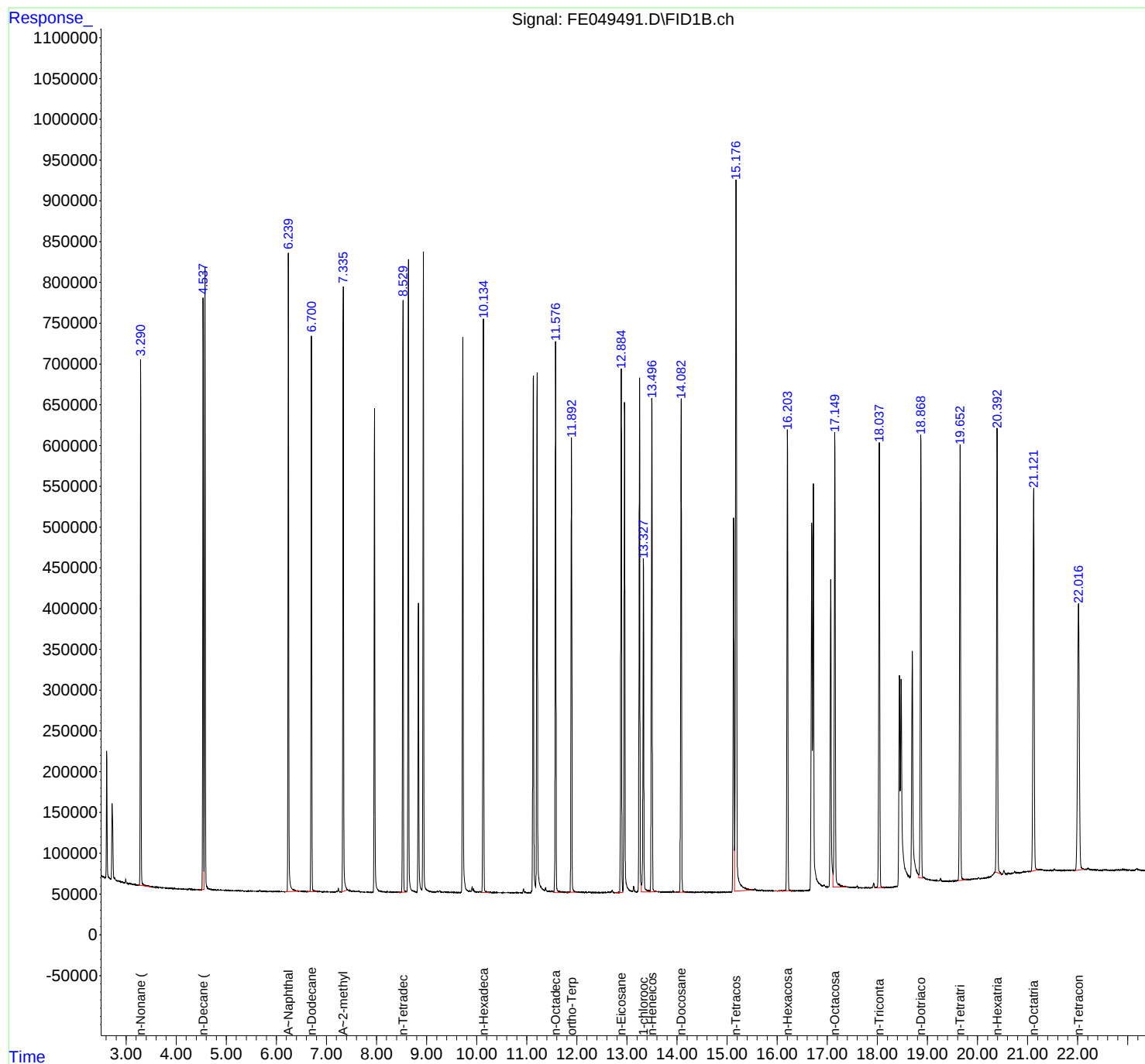
Instrument :
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PB162551BSD

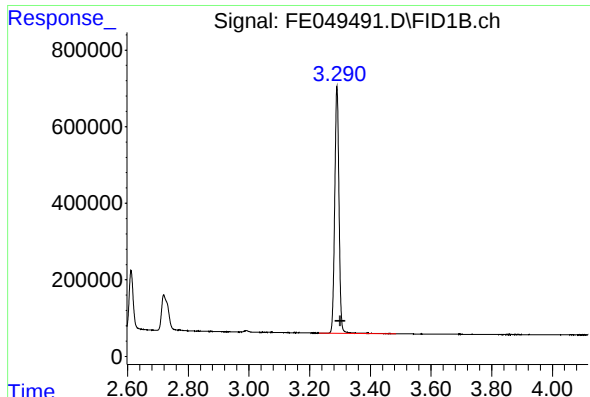
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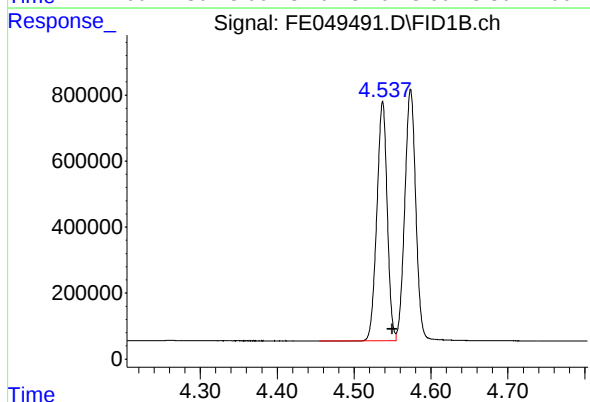
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 6308818
Conc: 41.95 ug/ml

Instrument :
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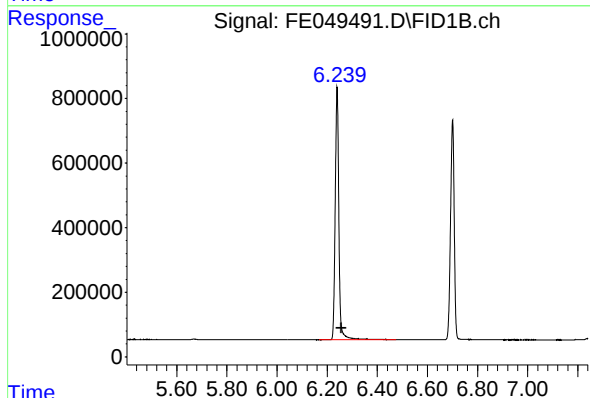
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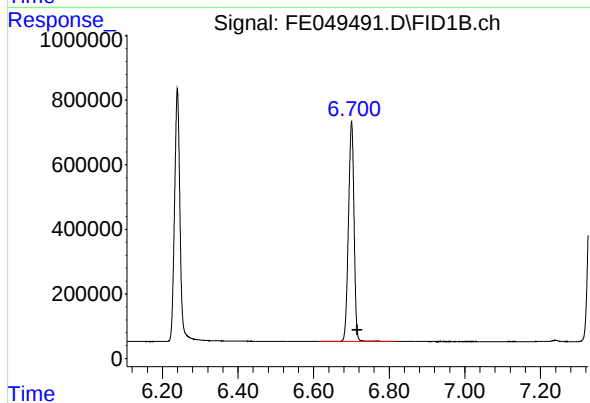
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.013 min
Response: 6784582
Conc: 43.93 ug/ml



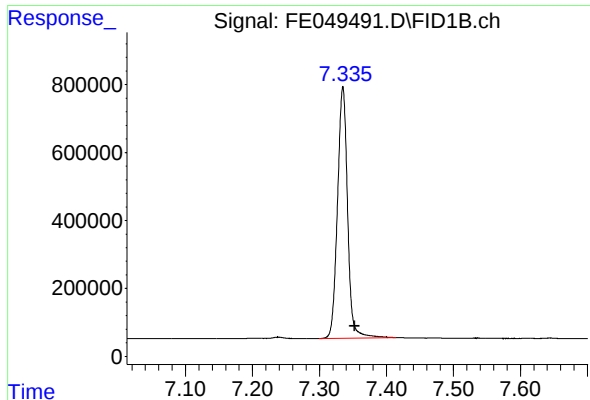
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.017 min
Response: 7909754
Conc: 50.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 6946723
Conc: 45.11 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.018 min
Response: 7761974
Conc: 53.34 ug/ml

Instrument :

FID_E

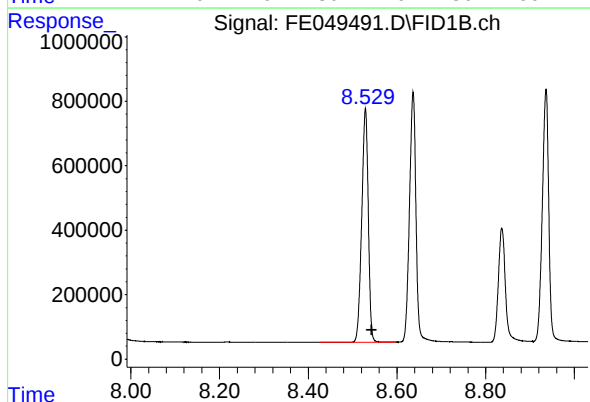
ClientSampleId :

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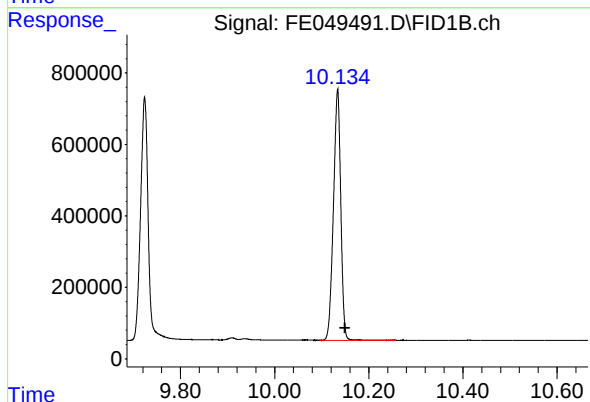
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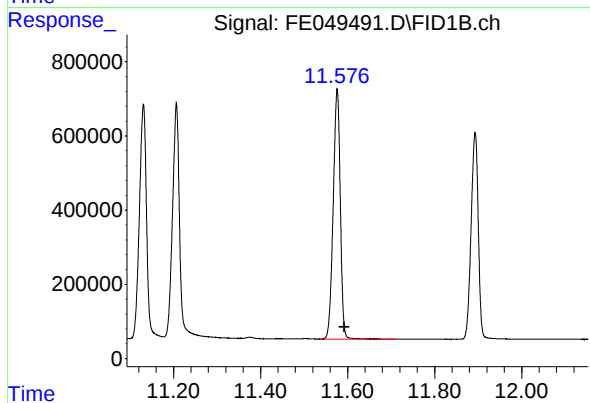
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 7436339
Conc: 49.00 ug/ml



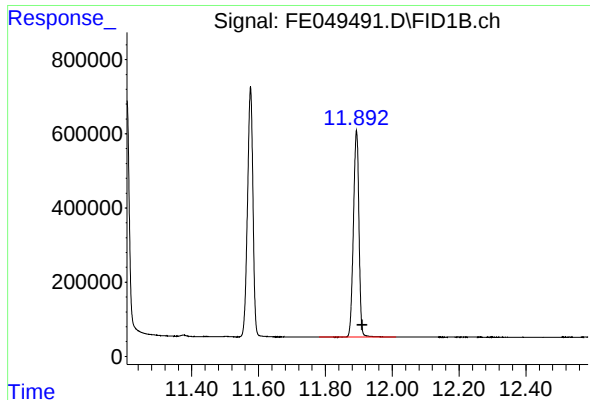
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.016 min
Response: 7602491
Conc: 50.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 7658041
Conc: 50.44 ug/ml



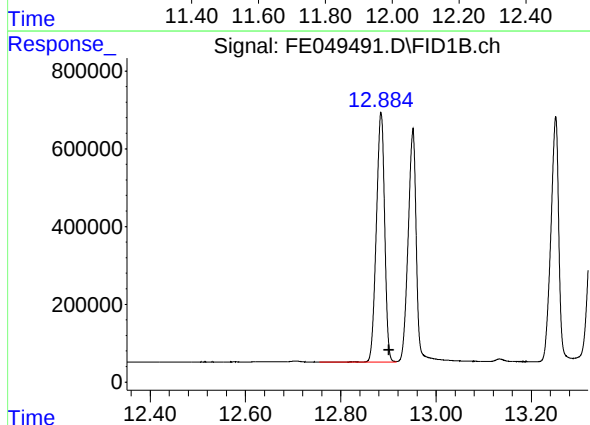
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.018 min
Response: 6380280
Conc: 41.14 ug/ml

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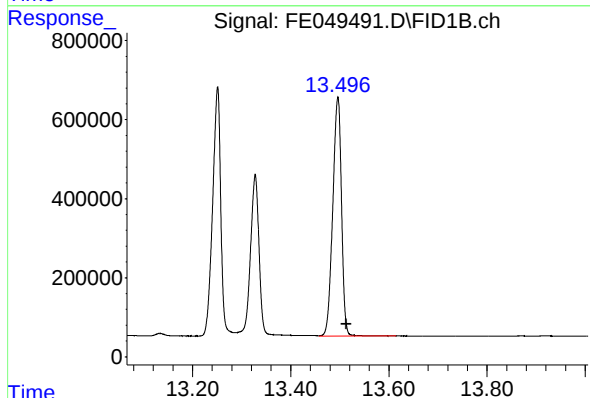
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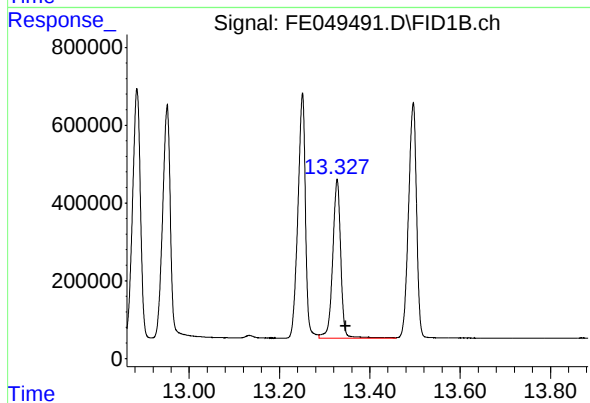
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 7671335
Conc: 53.05 ug/ml



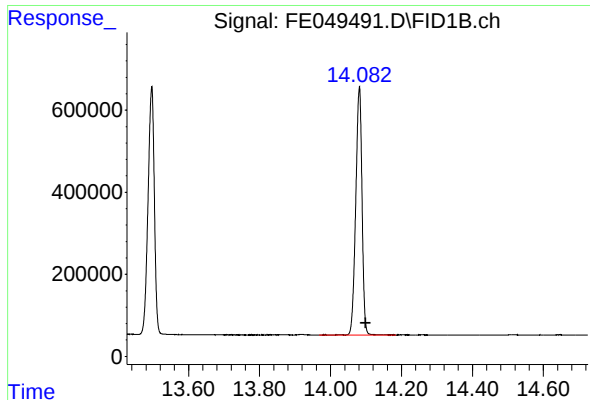
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 7466718
Conc: 52.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.019 min
Response: 5067982
Conc: 43.38 ug/ml



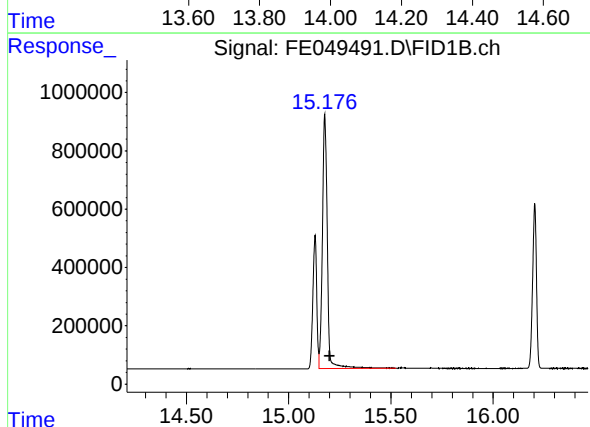
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.018 min
Response: 7399072
Conc: 52.66 ug/ml

Instrument :
FID_E
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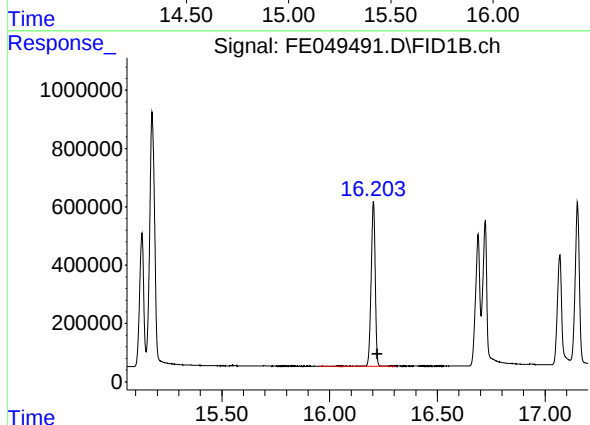
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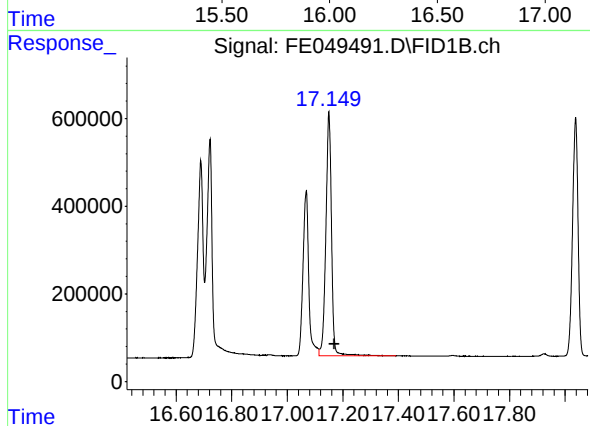
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.024 min
Response: 14560700
Conc: 103.89 ug/ml



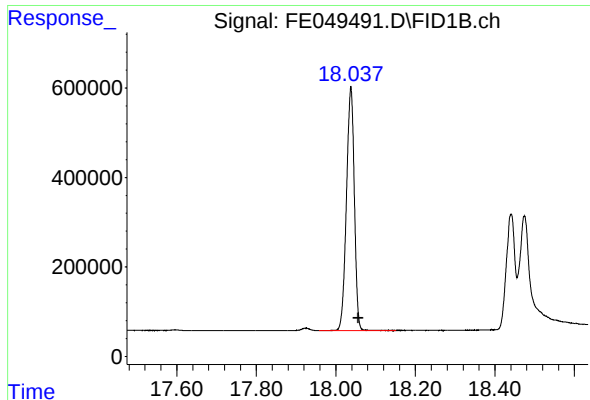
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.018 min
Response: 7375230
Conc: 52.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 7875459
Conc: 56.27 ug/ml



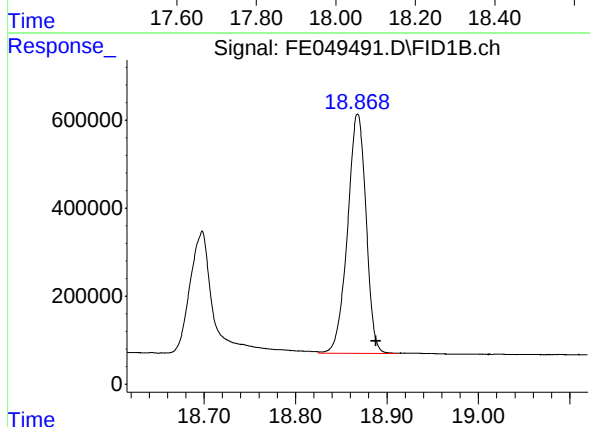
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.019 min
Response: 7495548
Conc: 51.38 ug/ml

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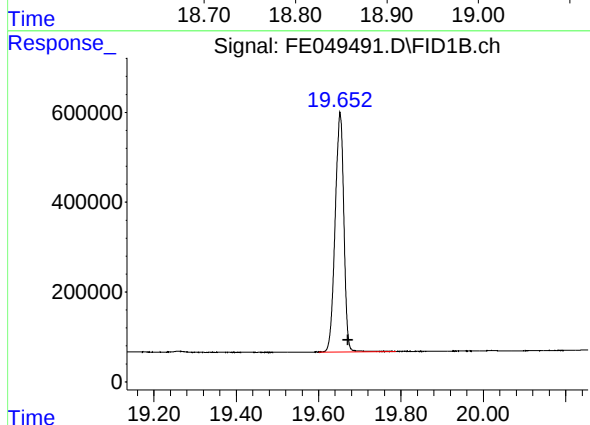
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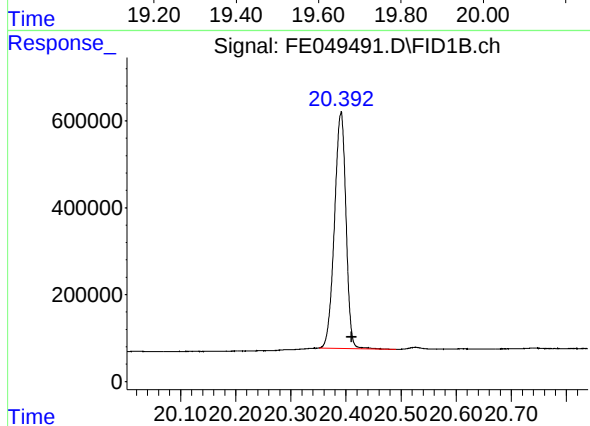
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.021 min
Response: 7663204
Conc: 52.12 ug/ml



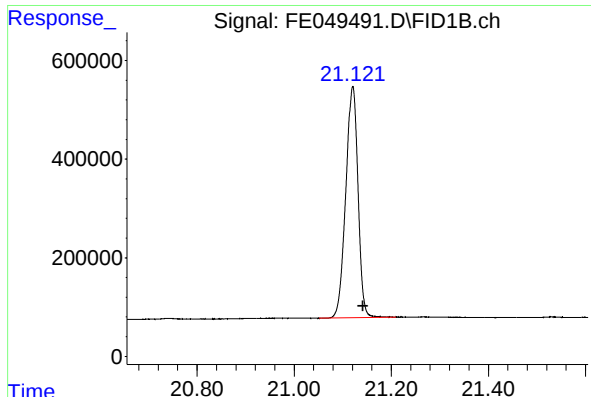
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.019 min
Response: 7818658
Conc: 53.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.020 min
Response: 7878577
Conc: 54.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.022 min
Response: 8225714
Conc: 54.95 ug/ml

Instrument :

FID_E

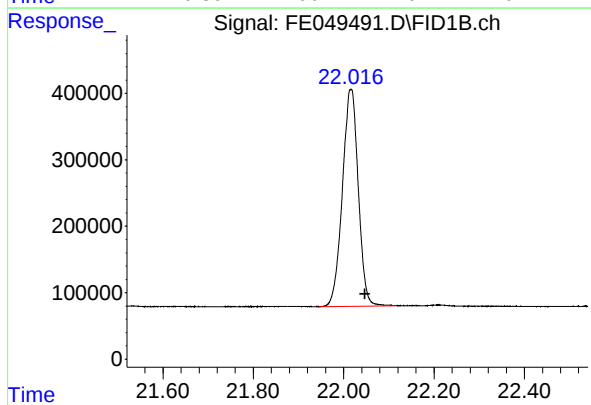
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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.031 min
Response: 7979886
Conc: 52.88 ug/ml m