

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041210.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 00:14
 Operator : YP\AJ
 Sample : 02206-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11929MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/07/2023

Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e

Quant Time: Apr 07 03:20:40 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

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)	11.845	6121010	32.569 ug/ml
Spiked Amount 50.000		Recovery =	65.14%
12) S 1-chlorooctadecane (S...	13.285	5145140	35.760 ug/ml
Spiked Amount 50.000		Recovery =	71.52%
Target Compounds			
1) T n-Nonane (C9)	3.245	4248305	24.484 ug/ml
2) T n-Decane (C10)	4.492	4720545	27.732 ug/ml
3) T A~Naphthalene (C11.7)	6.192	5374396	29.383 ug/ml
4) T n-Dodecane (C12)	6.655	5292916	30.514 ug/ml
5) T A~2-methylnaphthalene...	7.287	5360989	32.370 ug/ml
6) T n-Tetradecane (C14)	8.483	5776168	33.127 ug/ml
7) T n-Hexadecane (C16)	10.089	6446527	36.246 ug/ml
8) T n-Octadecane (C18)	11.532	6569000	36.790 ug/ml
10) T n-Eicosane (C20)	12.842	6537198	38.325 ug/ml
11) T n-Heneicosane (C21)	13.453	6213039	36.723 ug/ml
13) T n-Docosane (C22)	14.039	6121831	36.993 ug/ml
14) T n-Tetracosane (C24)	15.138	5297112	32.741 ug/mlm
15) T n-Hexacosane (C26)	16.167	5717099	36.881 ug/ml
16) T n-Octacosane (C28)	17.116	5749230	37.532 ug/ml
17) T n-Tricontane (C30)	18.007	5721216	37.429 ug/ml
18) T n-Dotriacontane (C32)	18.838	5650671	36.193 ug/ml
19) T n-Tetratriacontane (C34)	19.622	5667471	36.572 ug/mlm
20) T n-Hexatriacontane (C36)	20.365	5762717	37.938 ug/ml
21) T n-Octatriacontane (C38)	21.092	5929210	37.955 ug/mlm
22) T n-Tetracontane (C40)	21.976	6140718	38.475 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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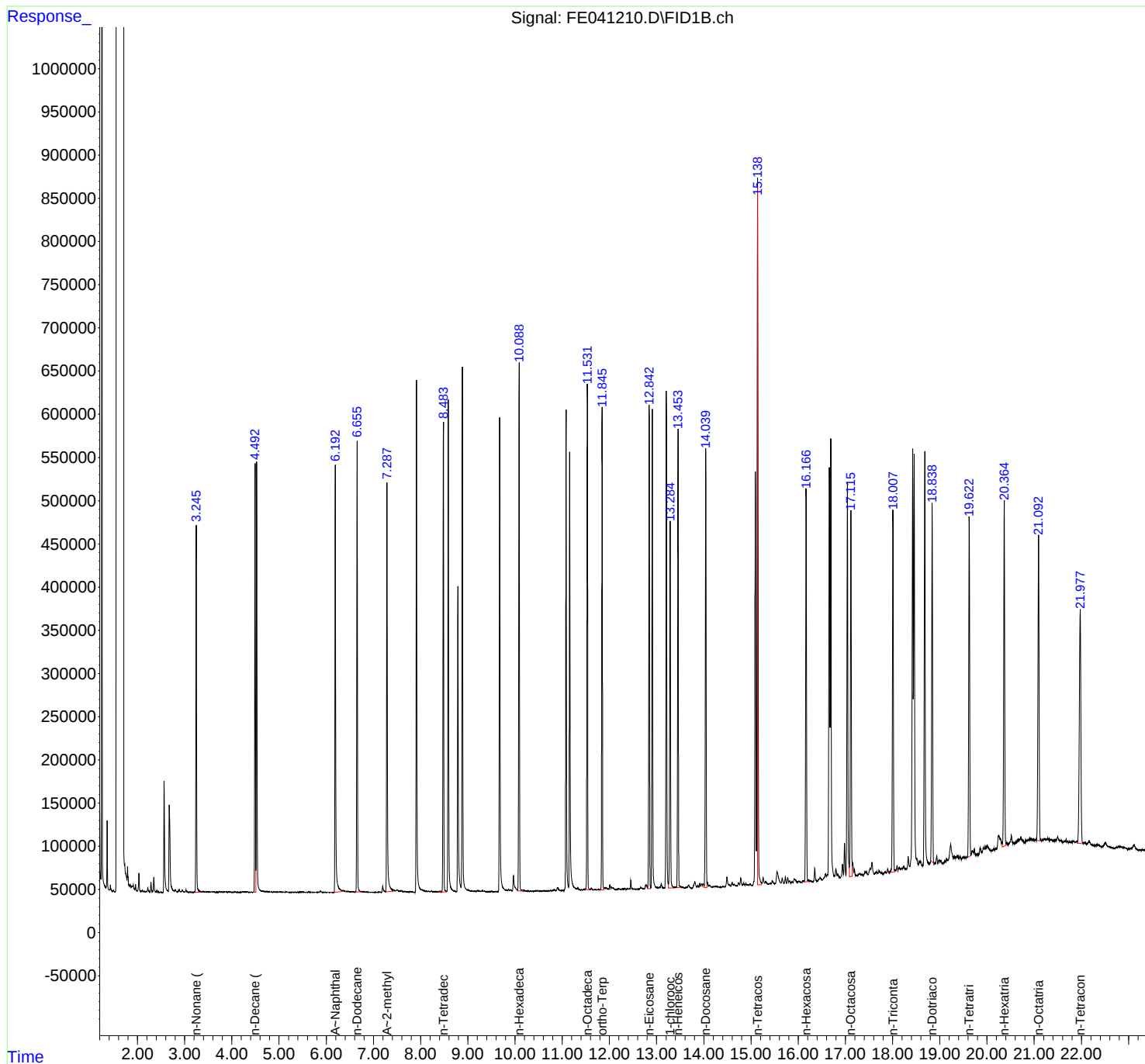
Response via : Initial Calibration

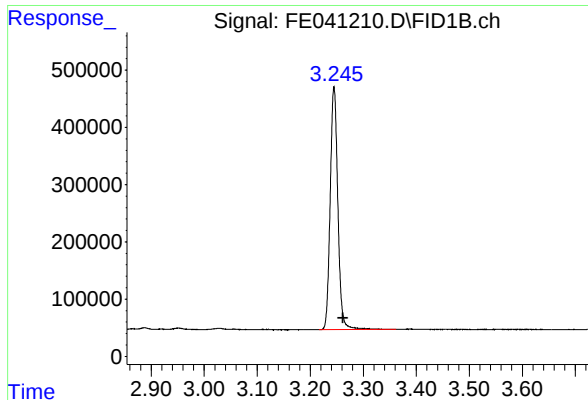
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.245 min
Delta R.T.: -0.017 min
Response: 4248305
Conc: 24.48 ug/ml

Instrument :

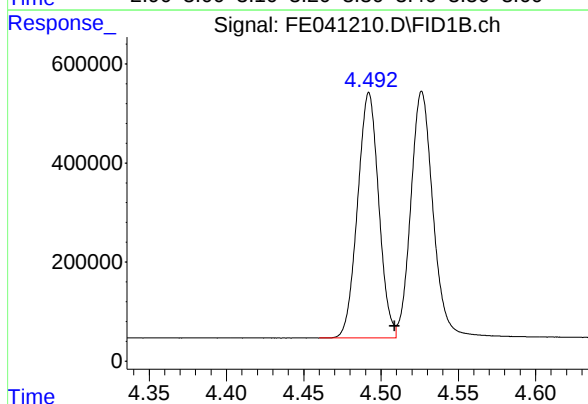
FID_E

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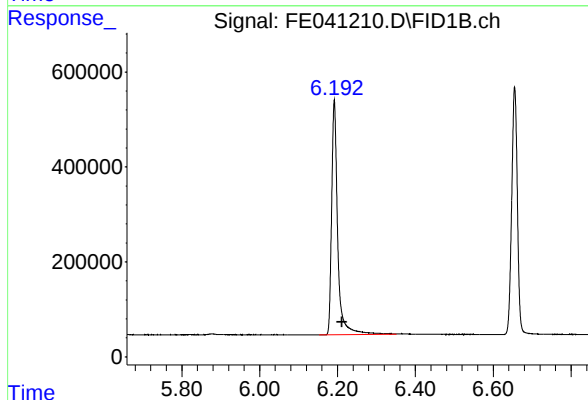
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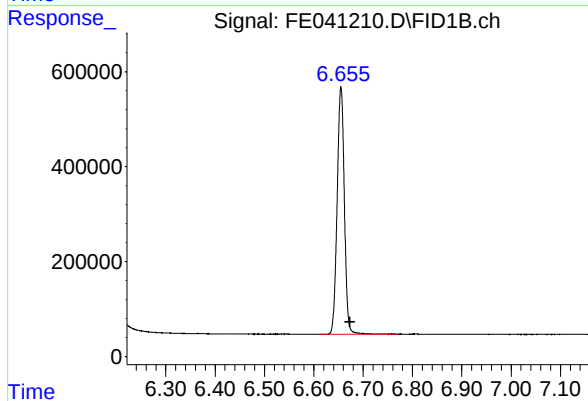
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.017 min
Response: 4720545
Conc: 27.73 ug/ml



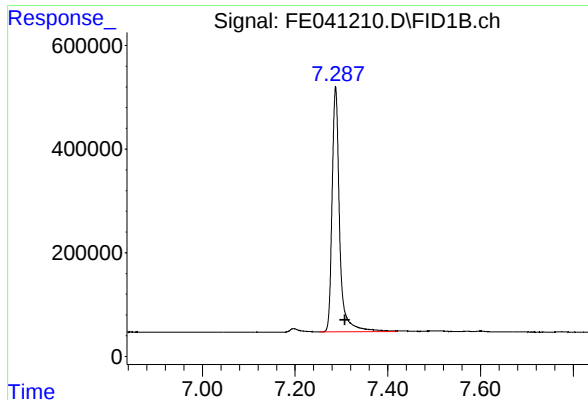
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.020 min
Response: 5374396
Conc: 29.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.018 min
Response: 5292916
Conc: 30.51 ug/ml



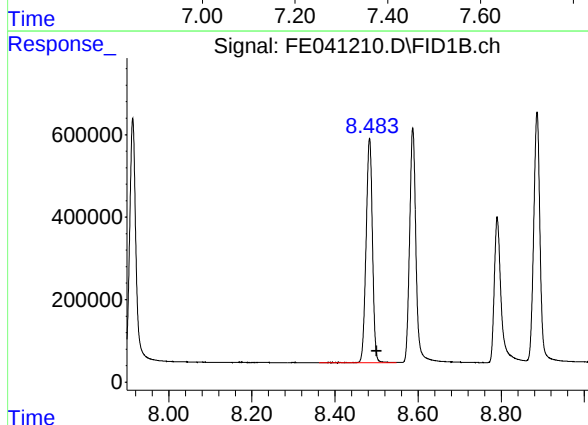
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.020 min
Response: 5360989
Conc: 32.37 ug/ml

Instrument :
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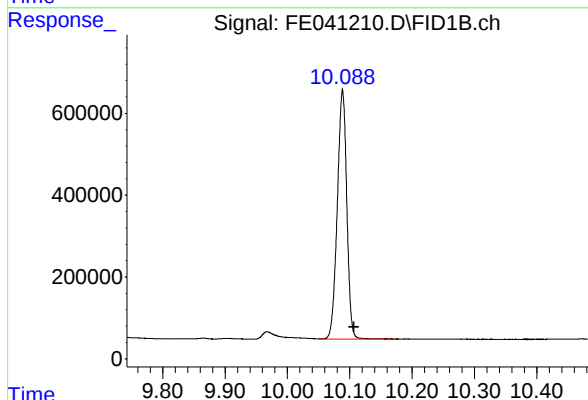
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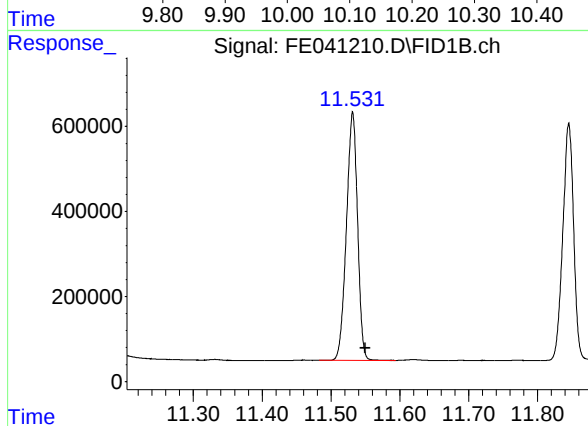
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: -0.017 min
Response: 5776168
Conc: 33.13 ug/ml



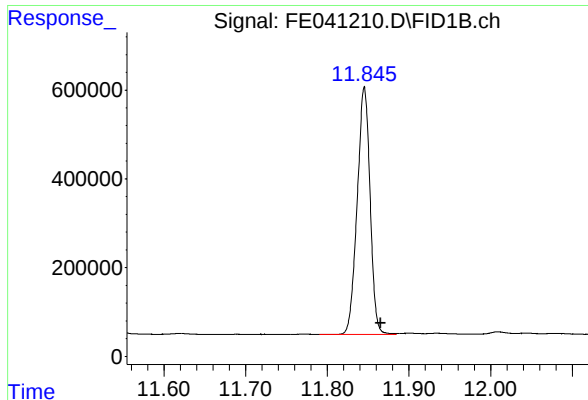
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: -0.018 min
Response: 6446527
Conc: 36.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.018 min
Response: 6569000
Conc: 36.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.020 min
Response: 6121010
Conc: 32.57 ug/ml

Instrument :

FID_E

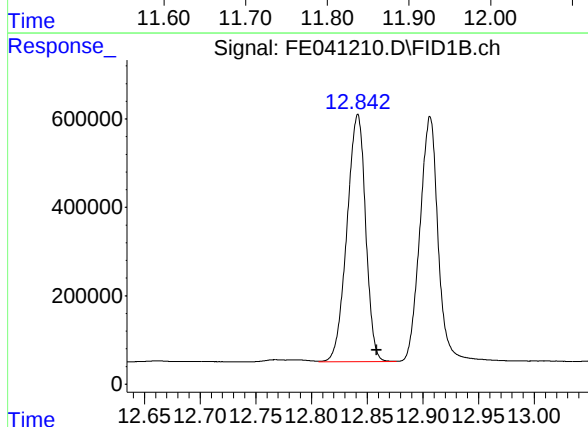
ClientSampleId :

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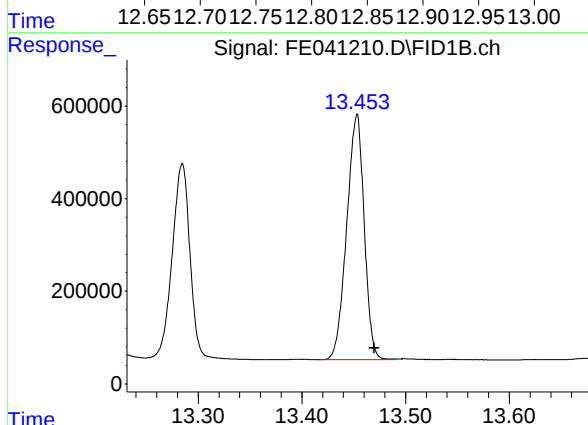
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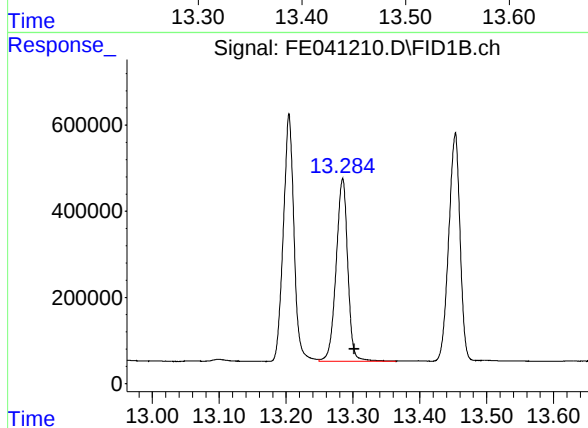
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.017 min
Response: 6537198
Conc: 38.32 ug/ml



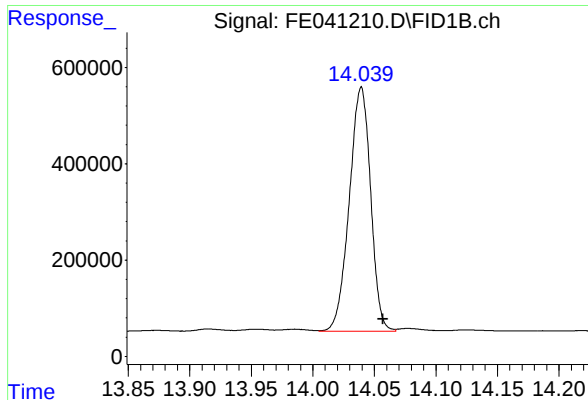
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.017 min
Response: 6213039
Conc: 36.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.017 min
Response: 5145140
Conc: 35.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.018 min
Response: 6121831
Conc: 36.99 ug/ml

Instrument :

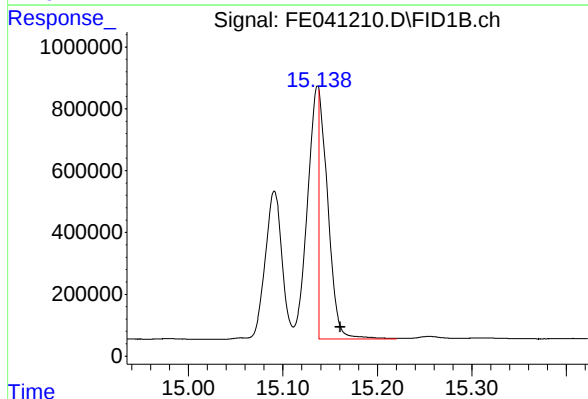
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ClientSampleId :

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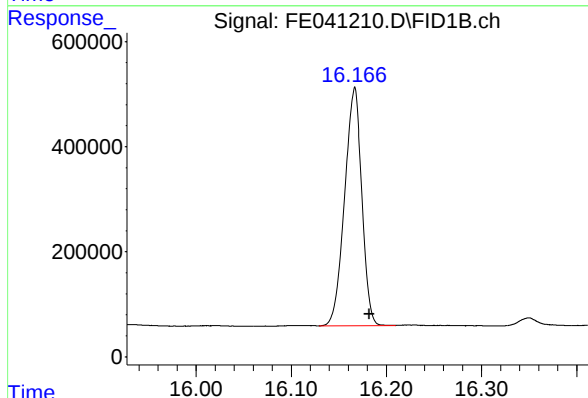
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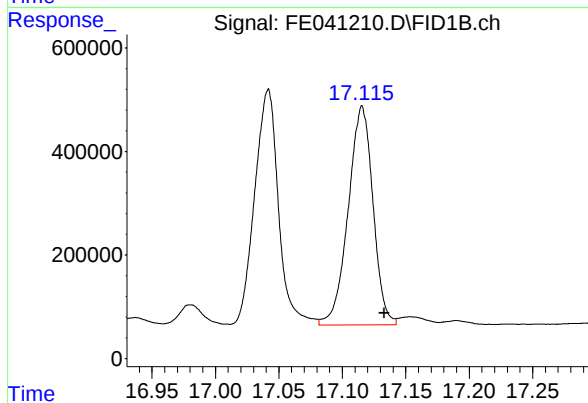
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.023 min
Response: 5297112
Conc: 32.74 ug/ml m



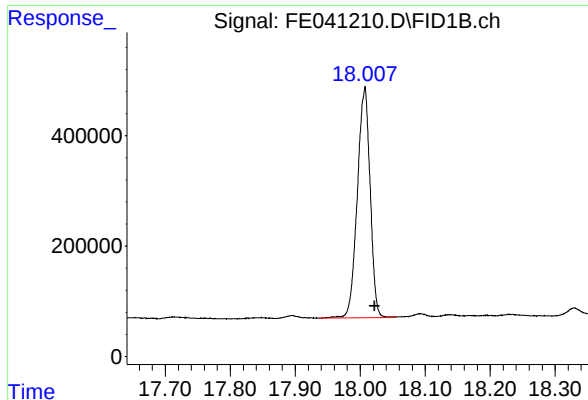
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.015 min
Response: 5717099
Conc: 36.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.018 min
Response: 5749230
Conc: 37.53 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.015 min
Response: 5721216
Conc: 37.43 ug/ml

Instrument :

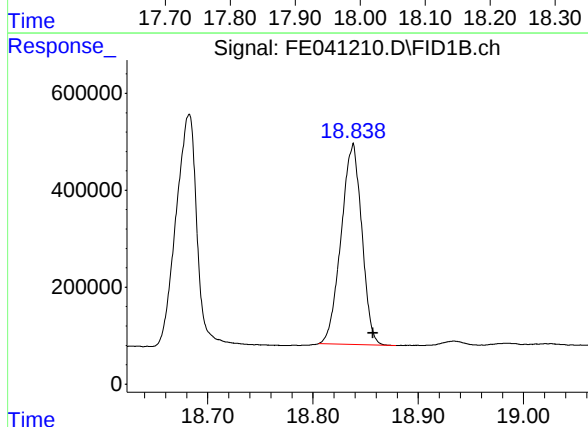
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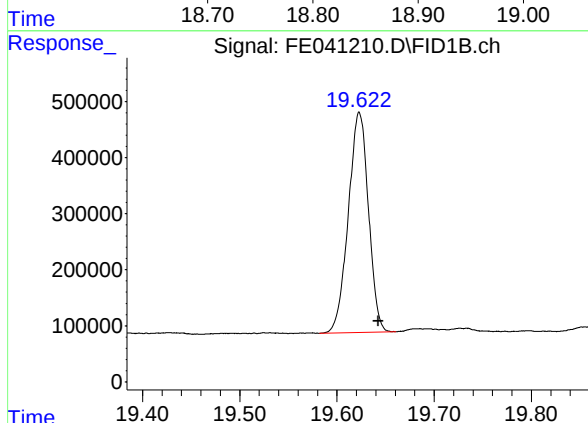
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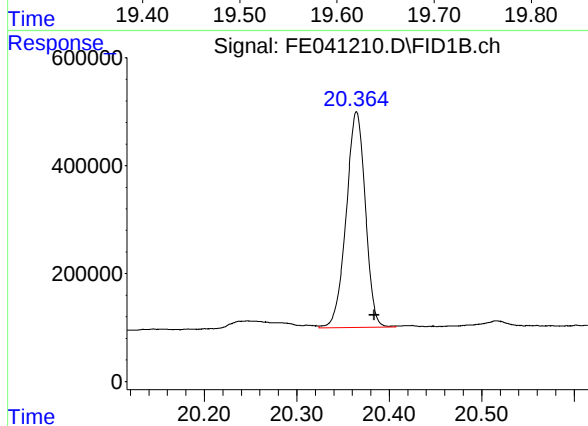
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.019 min
Response: 5650671
Conc: 36.19 ug/ml



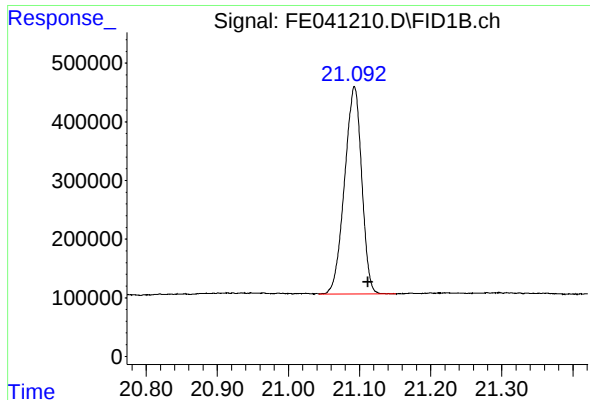
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.020 min
Response: 5667471
Conc: 36.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: -0.019 min
Response: 5762717
Conc: 37.94 ug/ml



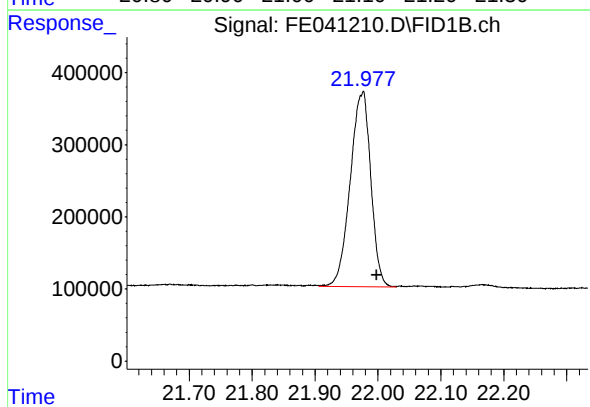
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.020 min
Response: 5929210
Conc: 37.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.021 min
Response: 6140718
Conc: 38.47 ug/ml