

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042539.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 16:55
 Operator : YP\AJ
 Sample : 03103-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-8-060823MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2023
 Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e
 Quant Time: Jun 10 01:36:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.946	5065440	28.687 ug/mlm
Spiked Amount 50.000		Recovery =	57.37%
12) S 1-chlorooctadecane (S...	13.386	36409686	274.007 ug/ml
Spiked Amount 50.000		Recovery =	548.01%
Target Compounds			
1) T n-Nonane (C9)	3.323	3592898	24.917 ug/ml
2) T n-Decane (C10)	4.576	4144474	27.996 ug/mlm
3) T A~Naphthalene (C11.7)	6.284	4707598	28.853 ug/ml
4) T n-Dodecane (C12)	6.745	5019033	33.470 ug/ml
5) T A~2-methylnaphthalene...	7.382	5003411	31.527 ug/ml
6) T n-Tetradecane (C14)	8.575	5658624	37.773 ug/ml
7) T n-Hexadecane (C16)	10.183	6483657	41.623 ug/ml
8) T n-Octadecane (C18)	11.627	6389255	40.404 ug/ml
10) T n-Eicosane (C20)	12.938	6223296	41.055 ug/ml
11) T n-Heneicosane (C21)	13.552	5698315	38.462 ug/ml
13) T n-Docosane (C22)	14.137	5458676	37.236 ug/ml
14) T n-Tetracosane (C24)	15.233	10886622	75.415 ug/ml
15) T n-Hexacosane (C26)	16.261	5048848	36.454 ug/ml
16) T n-Octacosane (C28)	17.211	5117528	38.224 ug/ml
17) T n-Tricontane (C30)	18.101	4983946	36.920 ug/mlm
18) T n-Dotriacontane (C32)	18.933	4880715	36.535 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5081110	38.636 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	4844839	37.276 ug/mlm
21) T n-Octatriacontane (C38)	21.208	5238199	38.609 ug/ml
22) T n-Tetracontane (C40)	22.142	5074767	36.478 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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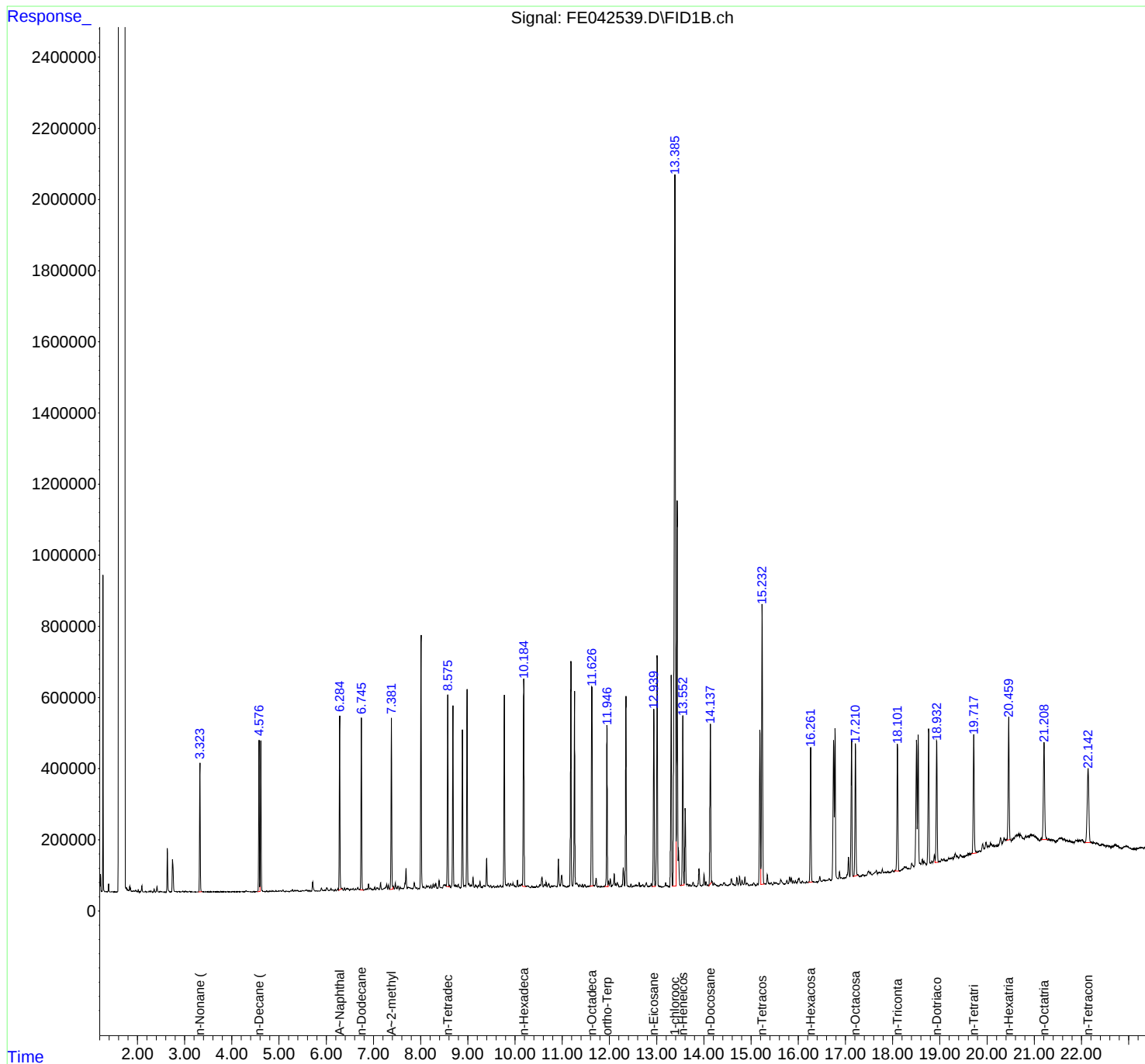
Instrument :
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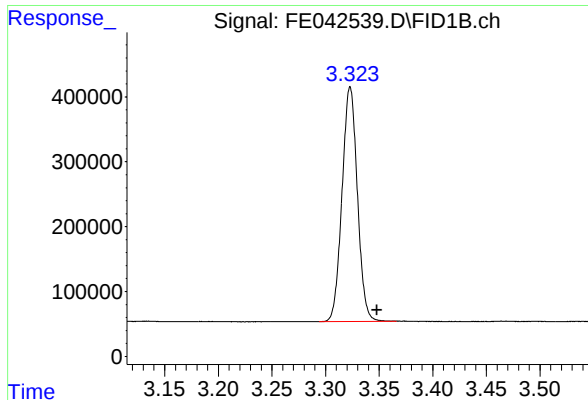
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.025 min
Response: 3592898
Conc: 24.92 ug/ml

Instrument :

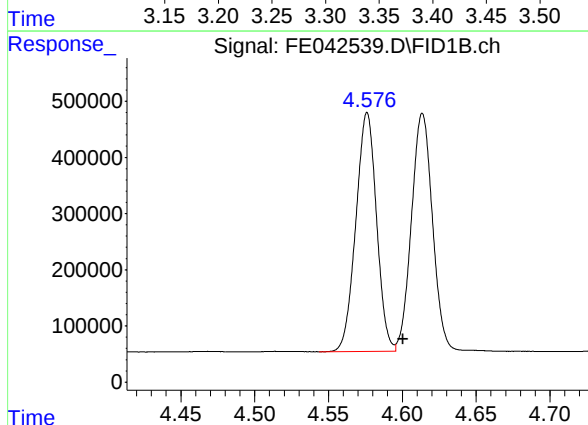
FID_E

ClientSampleId :

NB-8-060823MSD

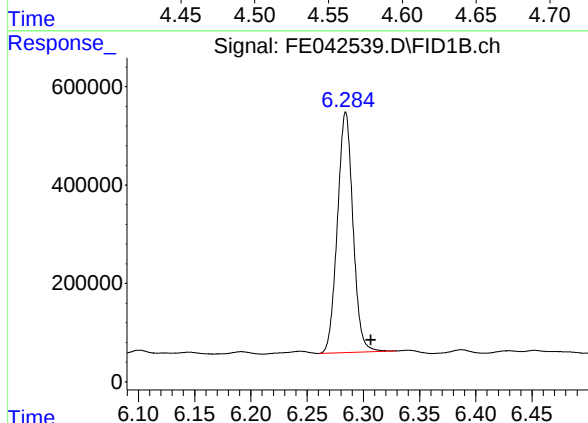
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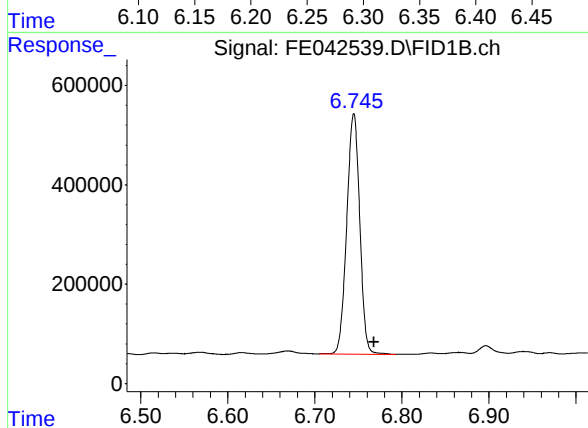
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.025 min
Response: 4144474
Conc: 28.00 ug/ml



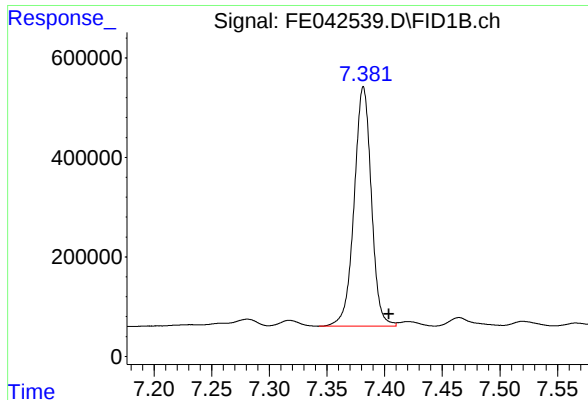
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.022 min
Response: 4707598
Conc: 28.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.023 min
Response: 5019033
Conc: 33.47 ug/ml



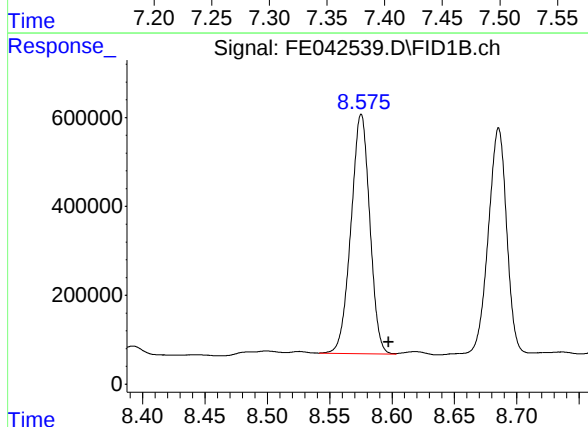
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: -0.022 min
Response: 5003411
Conc: 31.53 ug/ml

Instrument :
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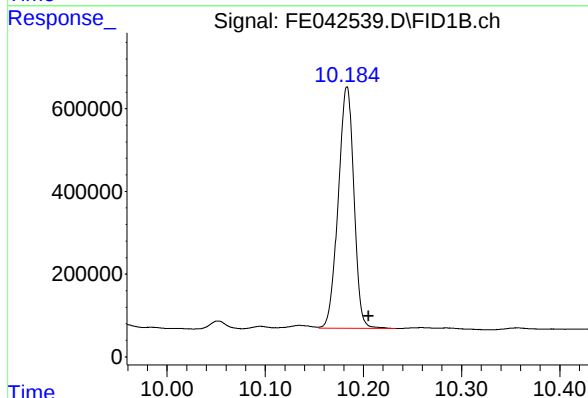
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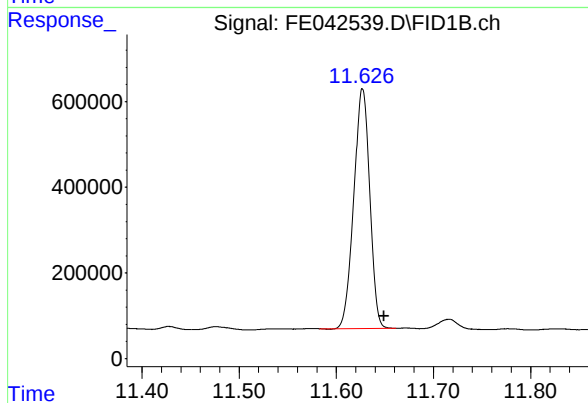
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.022 min
Response: 5658624
Conc: 37.77 ug/ml



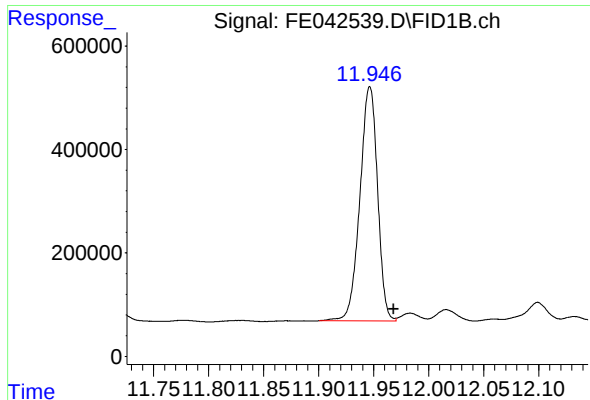
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6483657
Conc: 41.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.022 min
Response: 6389255
Conc: 40.40 ug/ml



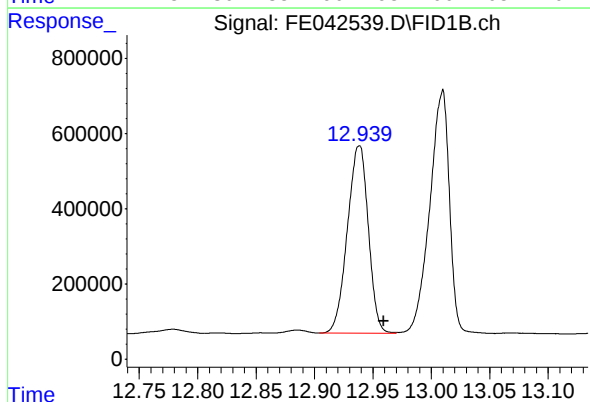
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.022 min
Response: 5065440
Conc: 28.69 ug/ml

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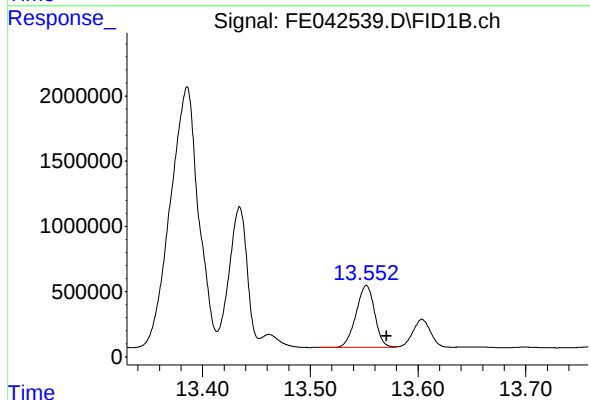
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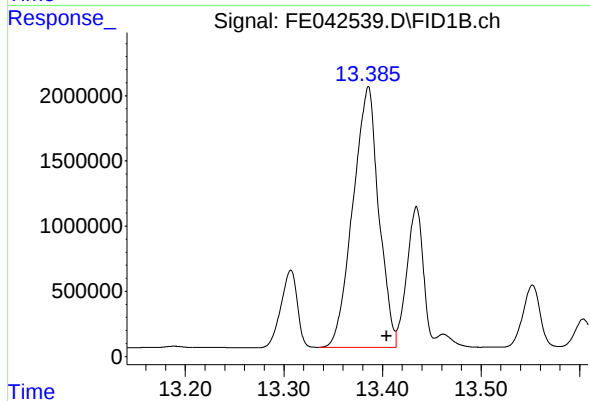
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.021 min
Response: 6223296
Conc: 41.06 ug/ml



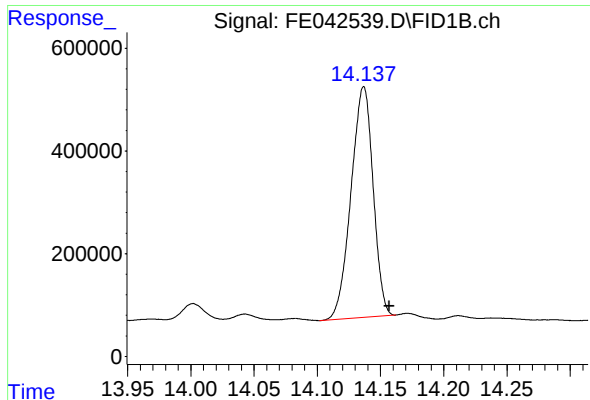
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.019 min
Response: 5698315
Conc: 38.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.018 min
Response: 36409686
Conc: 274.01 ug/ml



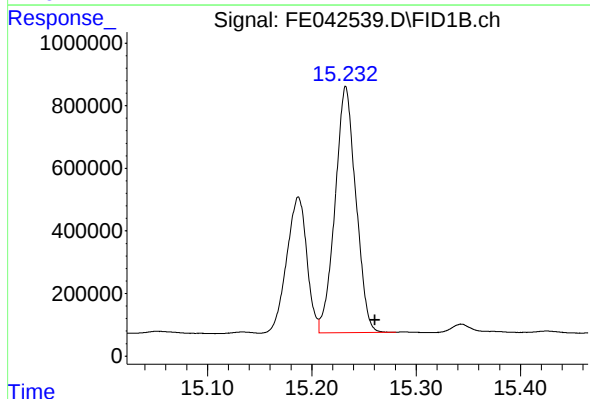
#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.020 min
Response: 5458676
Conc: 37.24 ug/ml

Instrument :
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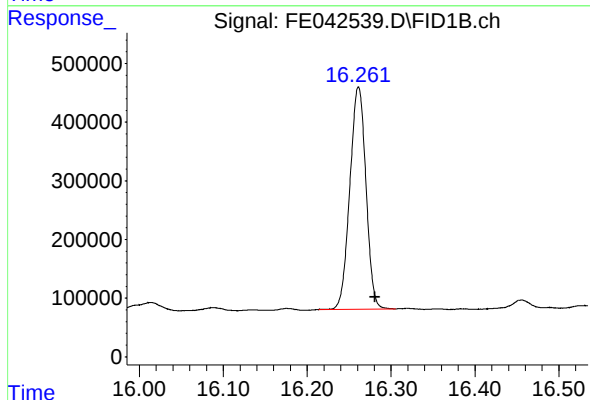
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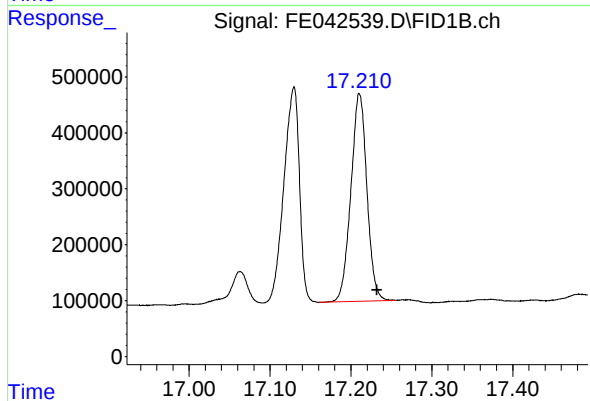
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.028 min
Response: 10886622
Conc: 75.42 ug/ml



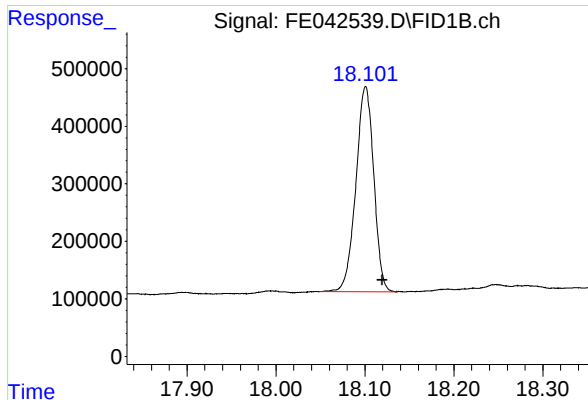
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.020 min
Response: 5048848
Conc: 36.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.022 min
Response: 5117528
Conc: 38.22 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.019 min
Response: 4983946
Conc: 36.92 ug/ml

Instrument :

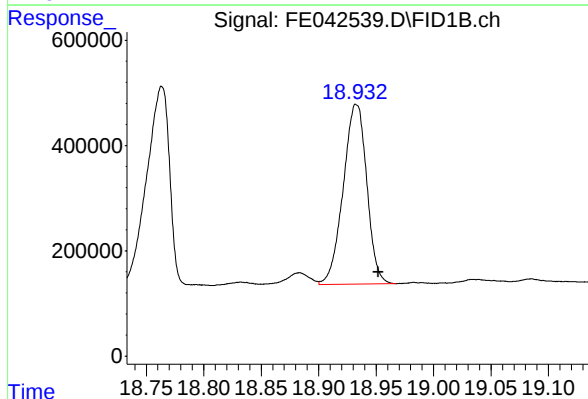
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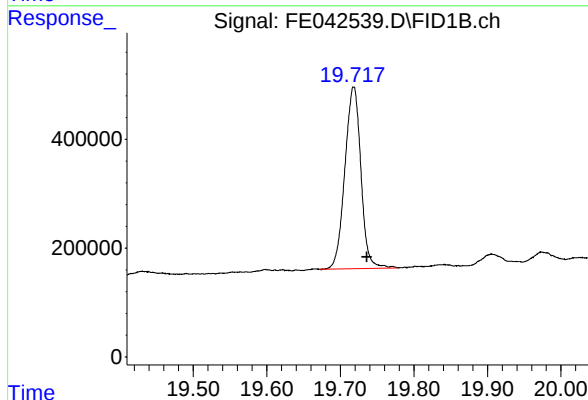
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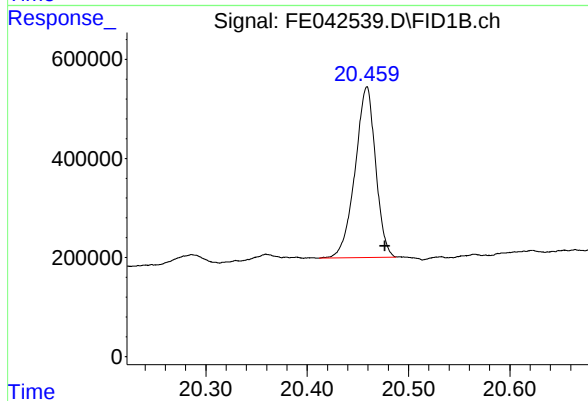
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.019 min
Response: 4880715
Conc: 36.53 ug/ml



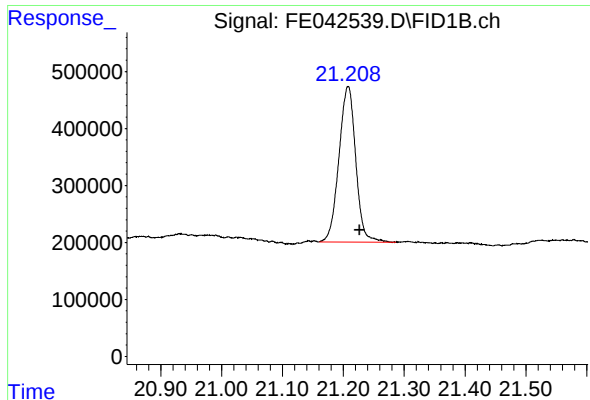
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.020 min
Response: 5081110
Conc: 38.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 4844839
Conc: 37.28 ug/ml m



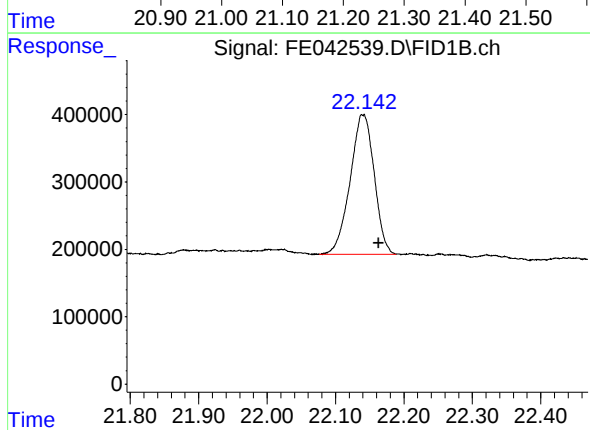
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 5238199
Conc: 38.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 5074767
Conc: 36.48 ug/ml m