

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039095.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 19:17
 Operator : YP\AJ
 Sample : N5844-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-17MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 03 03:40:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.947	4632865	29.614 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
12) S 1-chlorooctadecane (S...	13.381	3566347	29.537 ug/ml
Spiked Amount 50.000		Recovery =	59.07%
Target Compounds			
1) T n-Nonane (C9)	3.342	4423753	31.209 ug/ml
2) T n-Decane (C10)	4.592	4975988	35.701 ug/ml
3) T A~Naphthalene (C11.7)	6.294	4155864	26.129 ug/ml
4) T n-Dodecane (C12)	6.755	5558864	39.436 ug/ml
5) T A~2-methylnaphthalene...	7.388	4286966	28.643 ug/ml
6) T n-Tetradecane (C14)	8.581	5991159	41.948 ug/ml
7) T n-Hexadecane (C16)	10.187	6905344	47.229 ug/ml
8) T n-Octadecane (C18)	11.630	7572012	51.458 ug/ml
10) T n-Eicosane (C20)	12.940	7510111	52.902 ug/ml
11) T n-Heneicosane (C21)	13.550	7459287	52.494 ug/ml
13) T n-Docosane (C22)	14.136	7518751	53.787 ug/ml
14) T n-Tetracosane (C24)	15.237	5408838	39.165 ug/mlm
15) T n-Hexacosane (C26)	16.261	7371969	54.886 ug/ml
16) T n-Octacosane (C28)	17.208	7316631	55.096 ug/ml
17) T n-Tricontane (C30)	18.097	7097289	53.743 ug/ml
18) T n-Dotriacontane (C32)	18.927	7089073	53.155 ug/ml
19) T n-Tetratriacontane (C34)	19.712	6703834	50.663 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	5754740	44.794 ug/mlm
21) T n-Octatriacontane (C38)	21.189	4846693	36.987 ug/ml
22) T n-Tetracontane (C40)	22.106	4001959	29.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

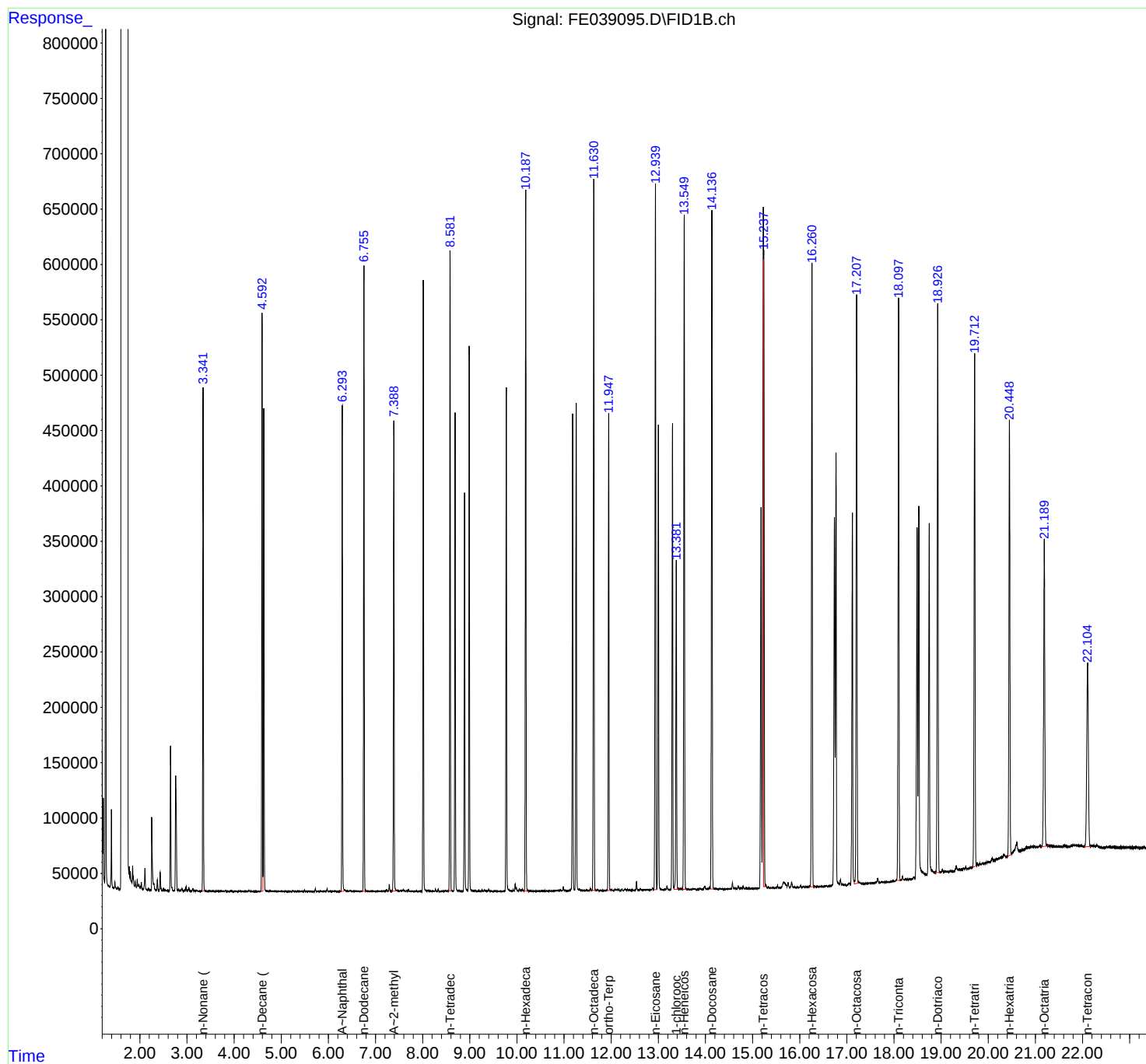
Instrument :
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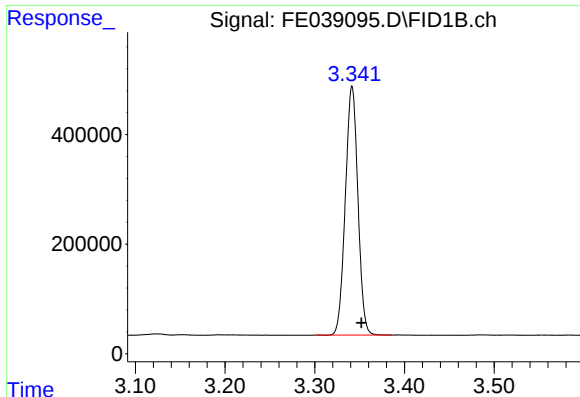
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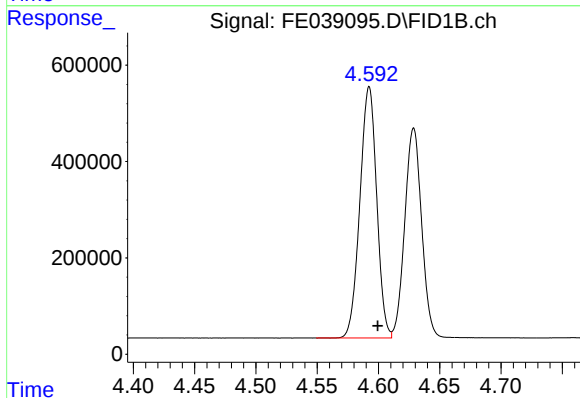
#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.010 min
Response: 4423753
Conc: 31.21 ug/ml

Instrument :
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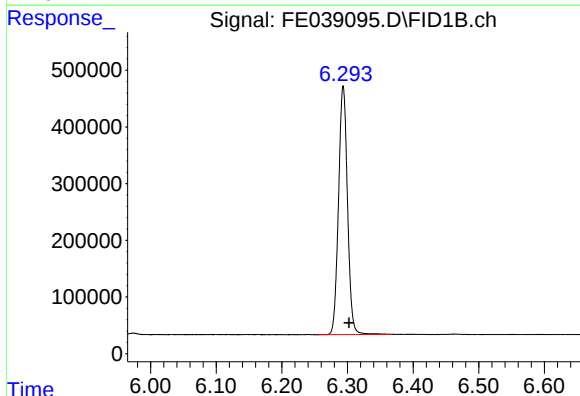
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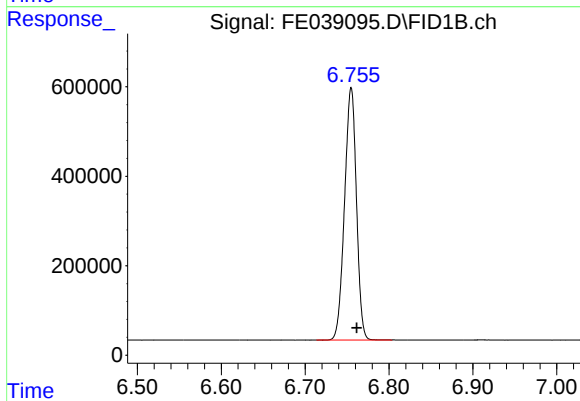
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.007 min
Response: 4975988
Conc: 35.70 ug/ml



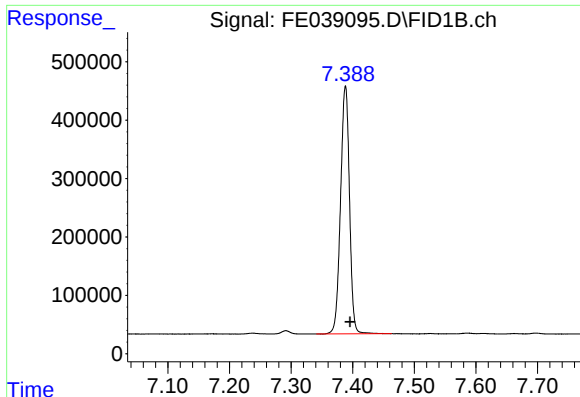
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 4155864
Conc: 26.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 5558864
Conc: 39.44 ug/ml



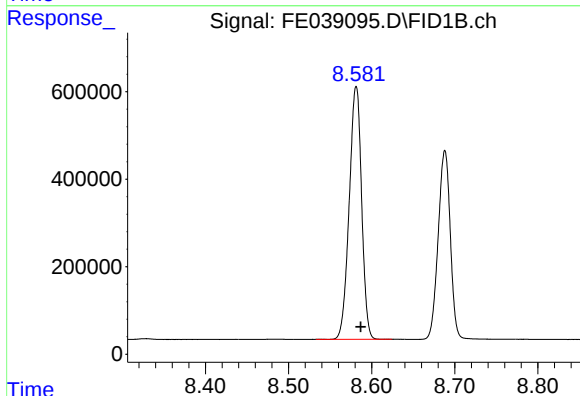
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 4286966
Conc: 28.64 ug/ml

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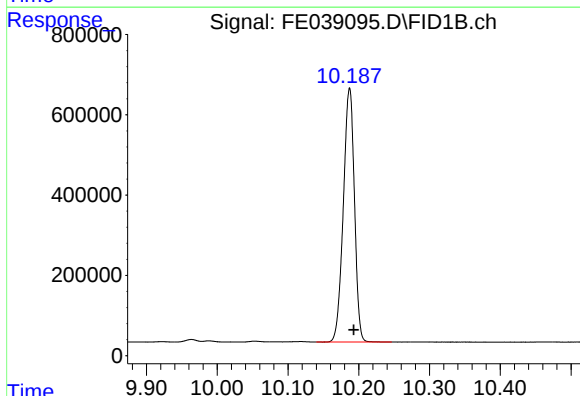
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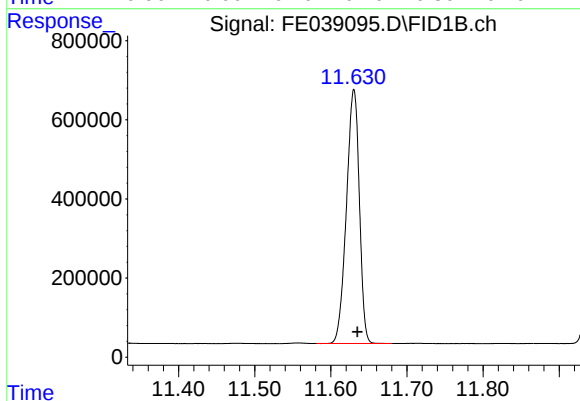
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.006 min
Response: 5991159
Conc: 41.95 ug/ml



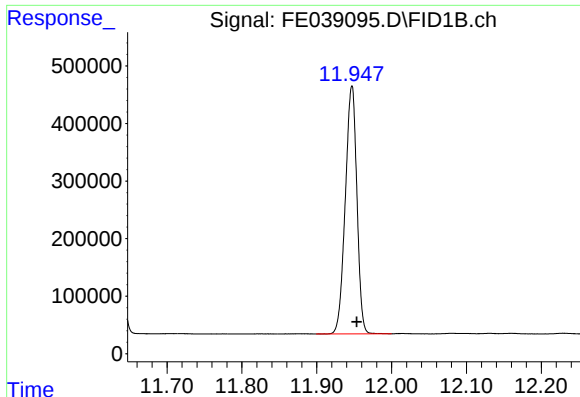
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.006 min
Response: 6905344
Conc: 47.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.005 min
Response: 7572012
Conc: 51.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.006 min
Response: 4632865
Conc: 29.61 ug/ml

Instrument :

FID_E

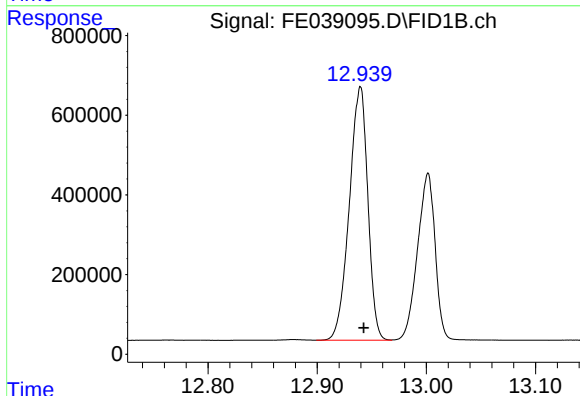
ClientSampleId :

MH-17MSD

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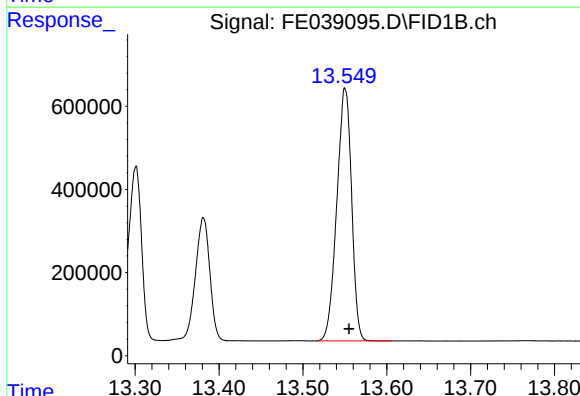
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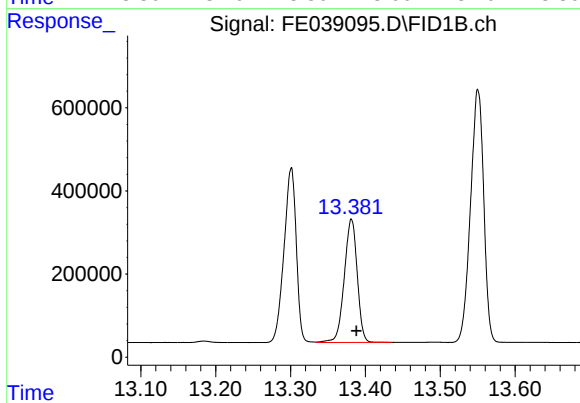
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 7510111
Conc: 52.90 ug/ml



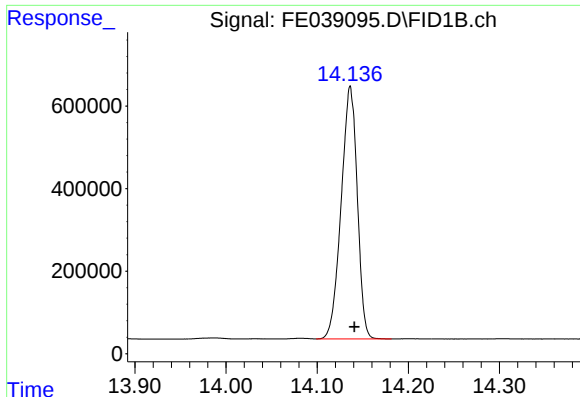
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.005 min
Response: 7459287
Conc: 52.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.007 min
Response: 3566347
Conc: 29.54 ug/ml



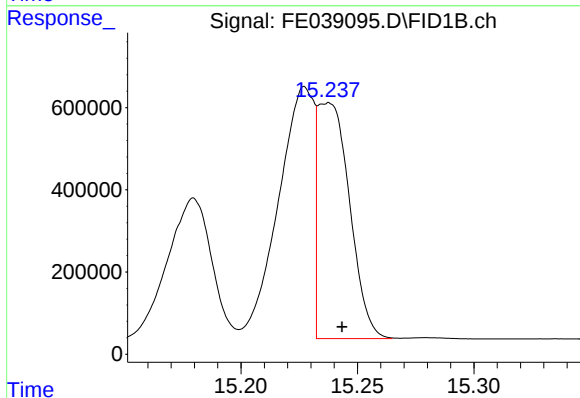
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.005 min
Response: 7518751
Conc: 53.79 ug/ml

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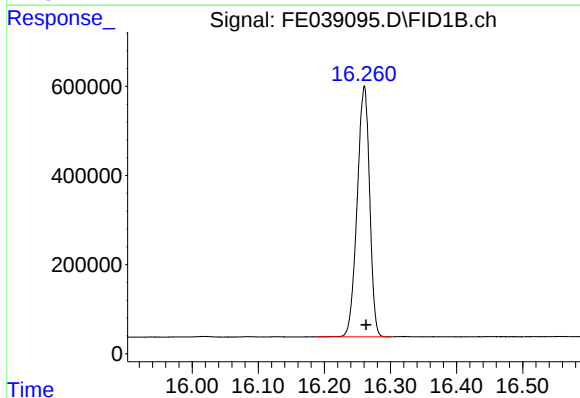
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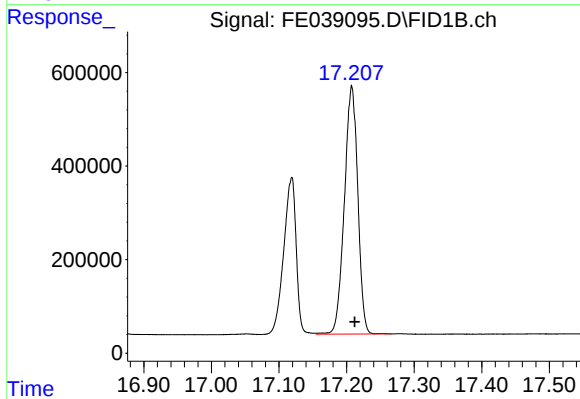
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.006 min
Response: 5408838
Conc: 39.16 ug/ml m



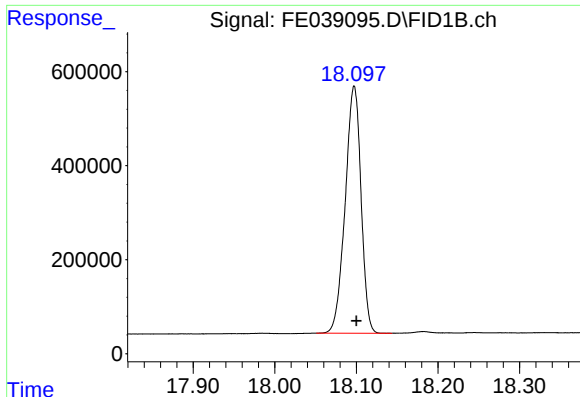
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.003 min
Response: 7371969
Conc: 54.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.004 min
Response: 7316631
Conc: 55.10 ug/ml



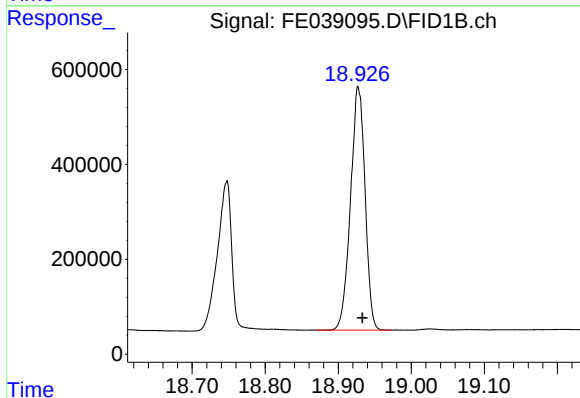
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.003 min
Response: 7097289
Conc: 53.74 ug/ml

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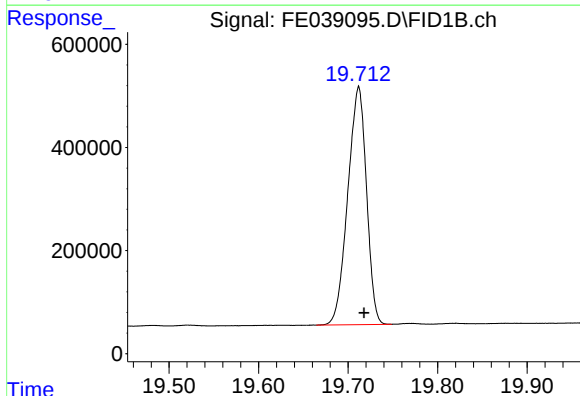
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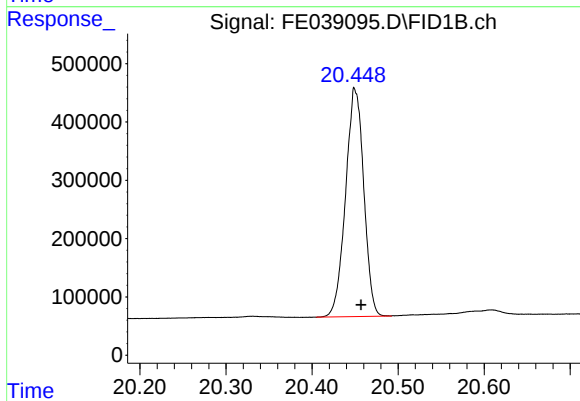
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 7089073
Conc: 53.15 ug/ml



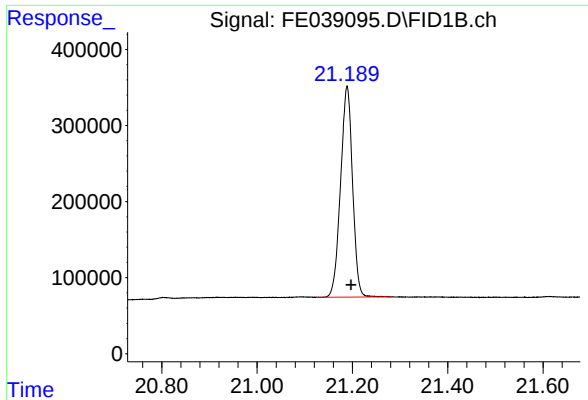
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.006 min
Response: 6703834
Conc: 50.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.009 min
Response: 5754740
Conc: 44.79 ug/ml m



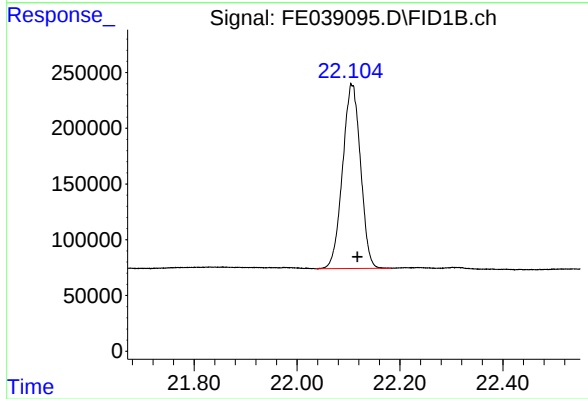
#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.008 min
Response: 4846693
Conc: 36.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.012 min
Response: 4001959
Conc: 29.39 ug/ml