

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039311.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 20:17
 Operator : YP\AJ
 Sample : N6048-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-22MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 15 02:53:51 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)	11.944	4754881	30.394 ug/ml
Spiked Amount 50.000		Recovery =	60.79%
12) S 1-chlorooctadecane (S...	13.379	3965491	32.843 ug/ml
Spiked Amount 50.000		Recovery =	65.69%
Target Compounds			
1) T n-Nonane (C9)	3.337	3914069	27.613 ug/ml
2) T n-Decane (C10)	4.587	4467488	32.053 ug/ml
3) T A~Naphthalene (C11.7)	6.289	5006377	31.476 ug/ml
4) T n-Dodecane (C12)	6.749	4965378	35.226 ug/ml
5) T A~2-methylnaphthalene...	7.384	5010479	33.478 ug/ml
6) T n-Tetradecane (C14)	8.577	5358986	37.522 ug/ml
7) T n-Hexadecane (C16)	10.183	6089795	41.651 ug/ml
8) T n-Octadecane (C18)	11.626	6539406	44.441 ug/ml
10) T n-Eicosane (C20)	12.935	6341089	44.667 ug/ml
11) T n-Heneicosane (C21)	13.547	6237529	43.896 ug/ml
13) T n-Docosane (C22)	14.133	6252071	44.725 ug/ml
14) T n-Tetracosane (C24)	15.234	3629765	26.283 ug/mlm
15) T n-Hexacosane (C26)	16.258	5975859	44.492 ug/ml
16) T n-Octacosane (C28)	17.207	5918990	44.571 ug/ml
17) T n-Tricontane (C30)	18.096	5646958	42.760 ug/ml
18) T n-Dotriacontane (C32)	18.928	5710103	42.815 ug/ml
19) T n-Tetratriacontane (C34)	19.712	5640440	42.626 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5541104	43.131 ug/ml
21) T n-Octatriacontane (C38)	21.193	6527982	49.818 ug/ml
22) T n-Tetracontane (C40)	22.115	6754381	49.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 17 Sample Multiplier: 1

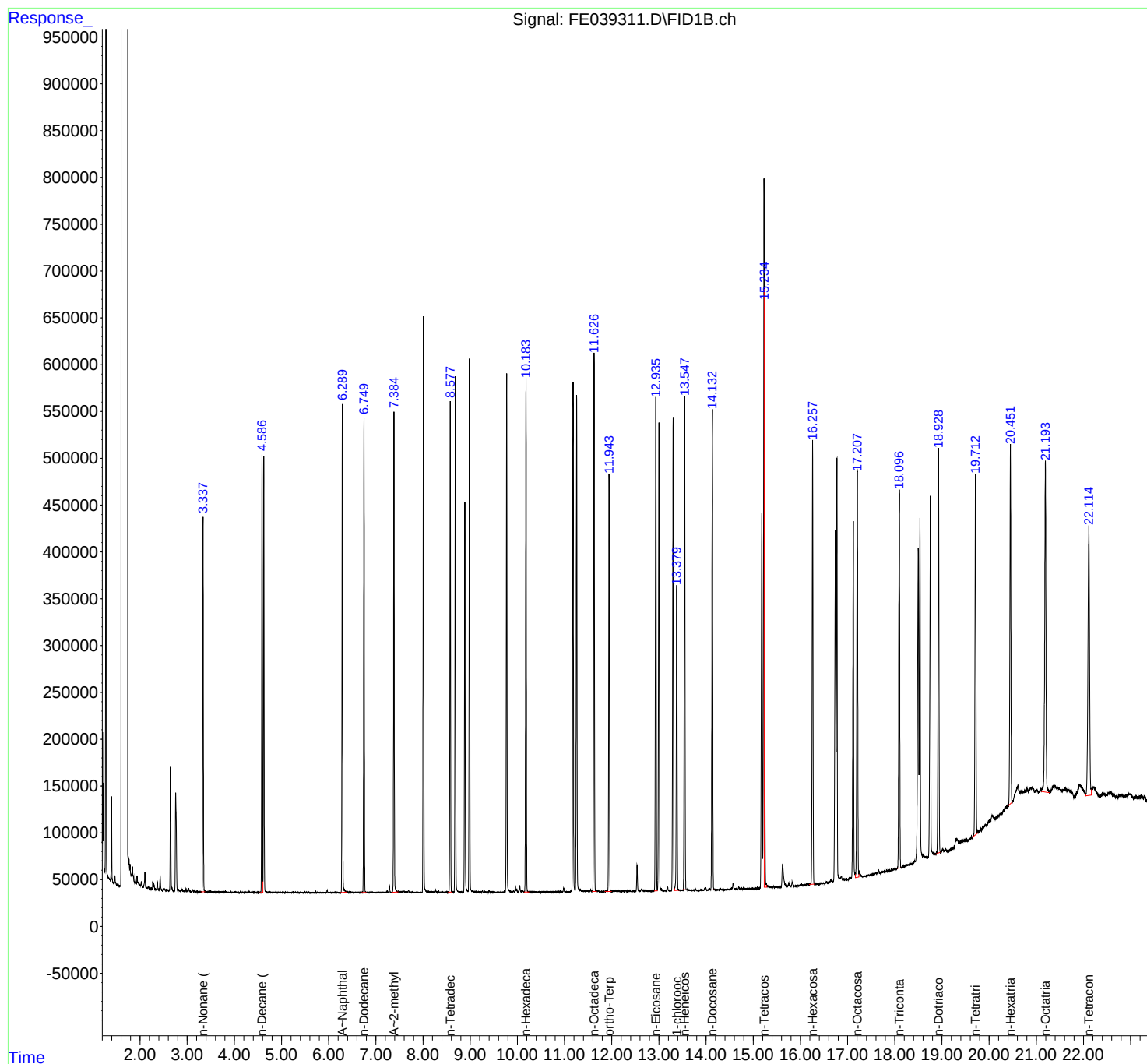
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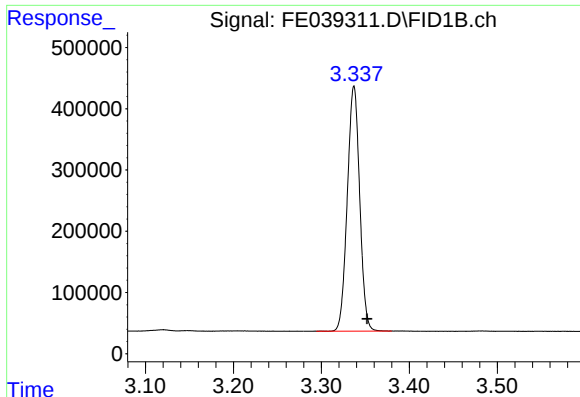
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#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.015 min
Response: 3914069
Conc: 27.61 ug/ml

Instrument :

FID_E

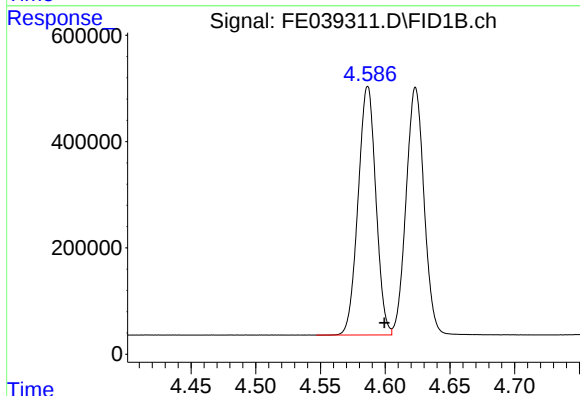
ClientSampleId :

MH-22MSD

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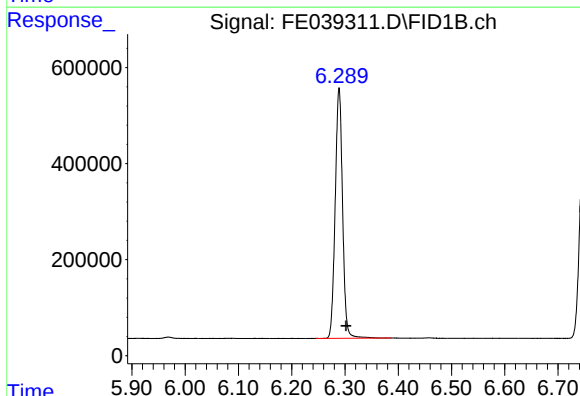
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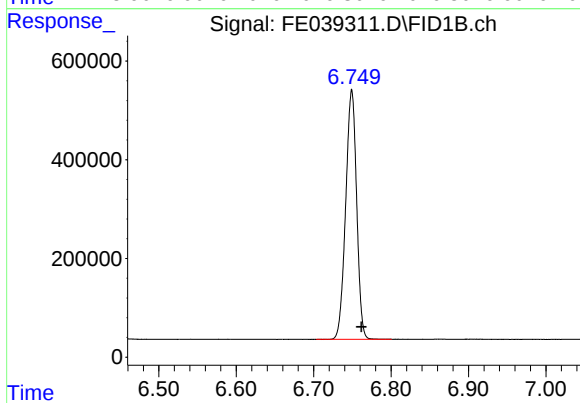
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 4467488
Conc: 32.05 ug/ml



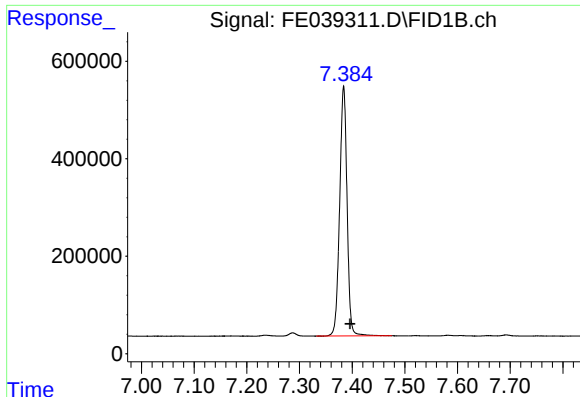
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.013 min
Response: 5006377
Conc: 31.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.012 min
Response: 4965378
Conc: 35.23 ug/ml



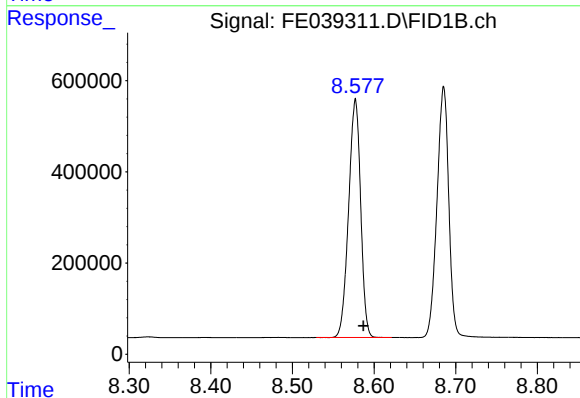
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 5010479
Conc: 33.48 ug/ml

Instrument :
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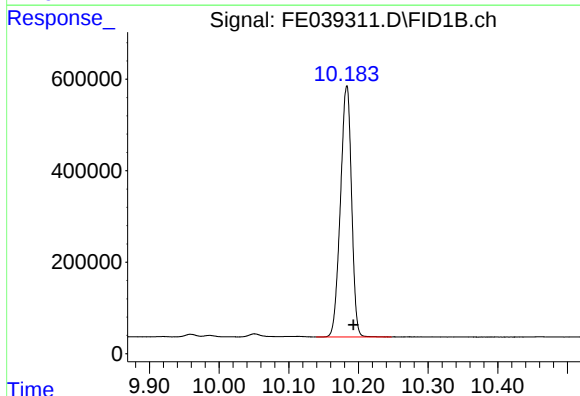
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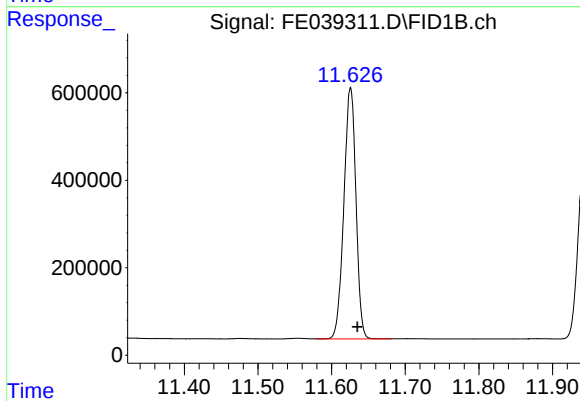
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 5358986
Conc: 37.52 ug/ml



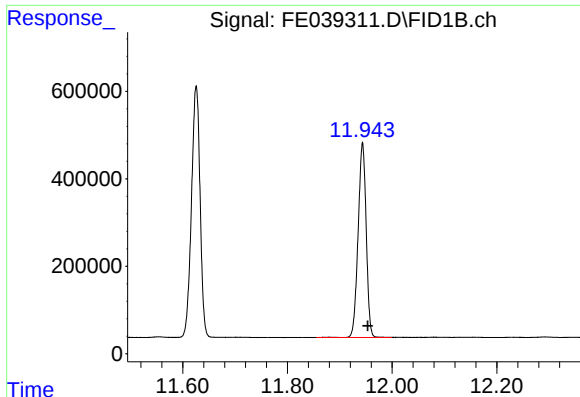
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.010 min
Response: 6089795
Conc: 41.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.009 min
Response: 6539406
Conc: 44.44 ug/ml



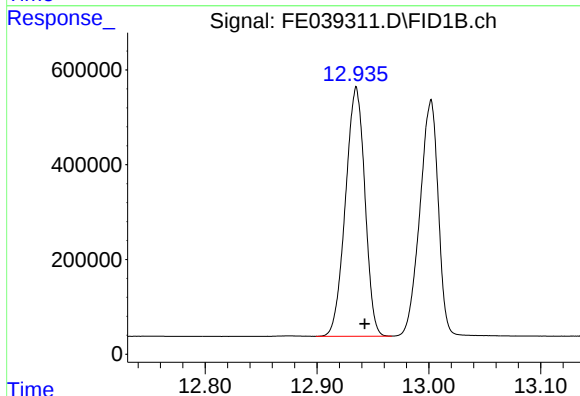
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.010 min
Response: 4754881
Conc: 30.39 ug/ml

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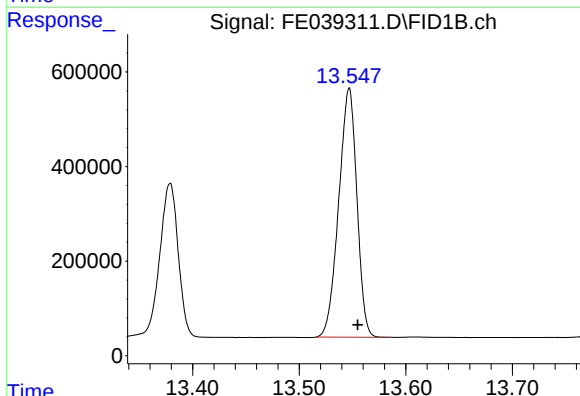
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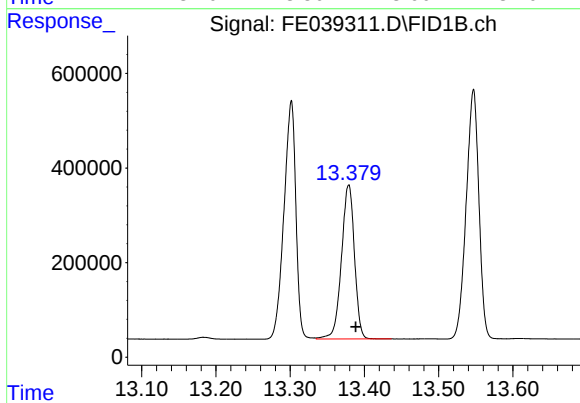
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.008 min
Response: 6341089
Conc: 44.67 ug/ml



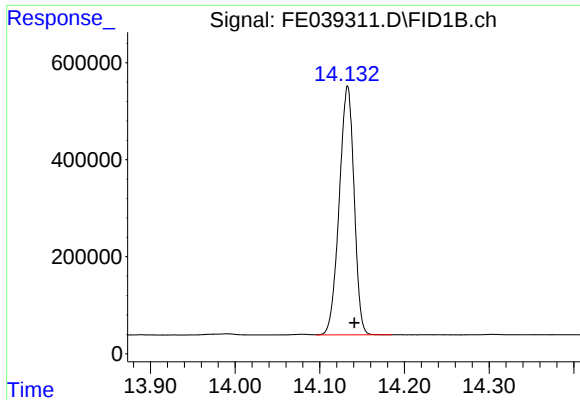
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 6237529
Conc: 43.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 3965491
Conc: 32.84 ug/ml



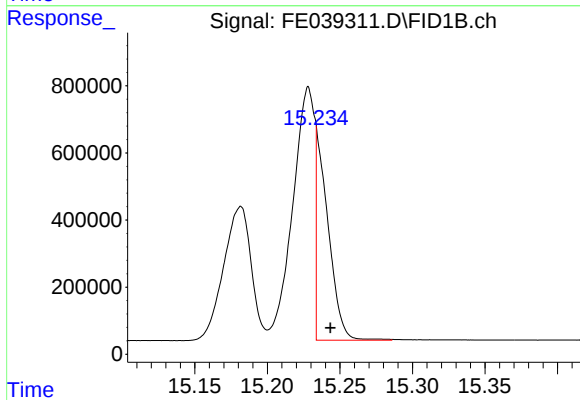
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 6252071
Conc: 44.73 ug/ml

Instrument :
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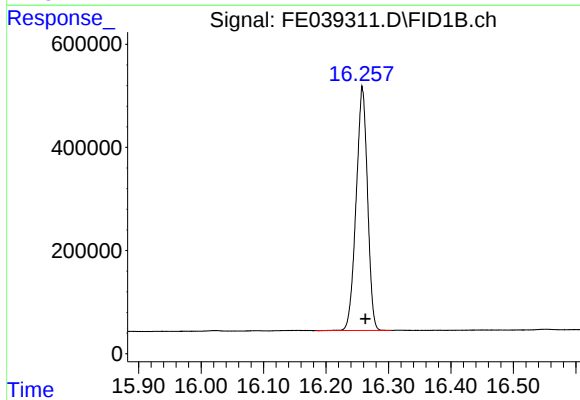
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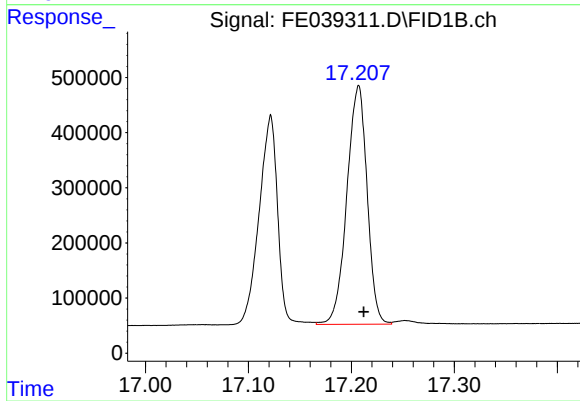
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.010 min
Response: 3629765
Conc: 26.28 ug/ml m



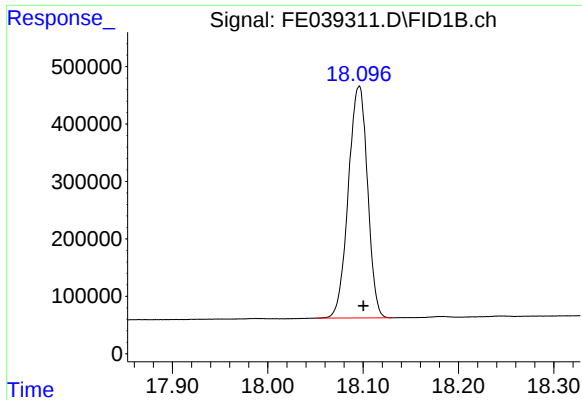
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.005 min
Response: 5975859
Conc: 44.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.005 min
Response: 5918990
Conc: 44.57 ug/ml



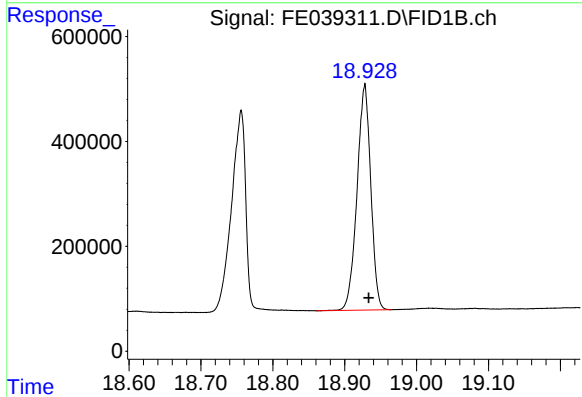
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.004 min
Response: 5646958
Conc: 42.76 ug/ml

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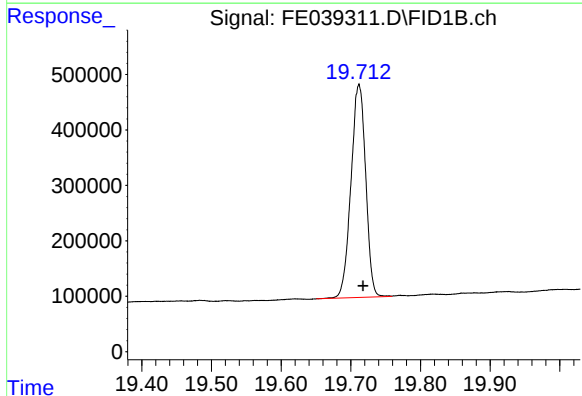
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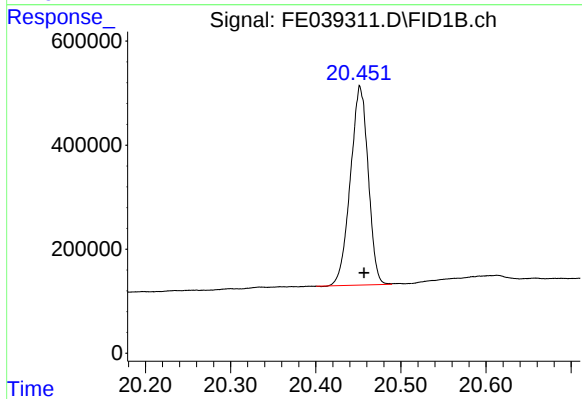
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 5710103
Conc: 42.82 ug/ml



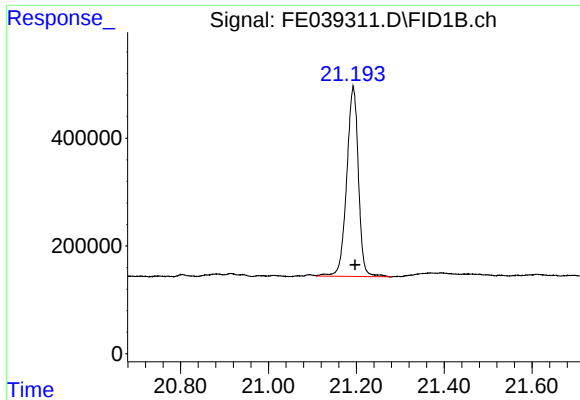
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.006 min
Response: 5640440
Conc: 42.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.005 min
Response: 5541104
Conc: 43.13 ug/ml



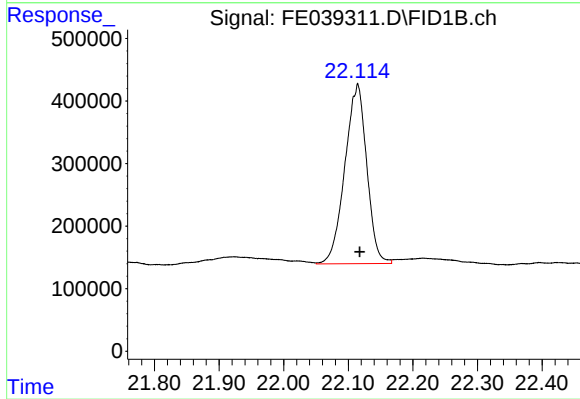
#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.004 min
Response: 6527982
Conc: 49.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.003 min
Response: 6754381
Conc: 49.60 ug/ml