

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038168.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 23:23
 Operator : YP\AJ
 Sample : N5118-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-4-101222MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: sample.E
 Quant Time: Oct 15 17:02:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.608	5215425	30.153 ug/ml
Spiked Amount 50.000		Recovery =	60.31%
12) S 1-chlorooctadecane (S...	13.088f	199280473	1474.378 ug/ml
Spiked Amount 50.000		Recovery =	2948.76%
Target Compounds			
1) T n-Nonane (C9)	2.993	3458564	23.483 ug/ml
2) T n-Decane (C10)	4.254	4034210	27.286 ug/ml
3) T A~Naphthalene (C11.7)	5.972	6818414	49.791 ug/ml
4) T n-Dodecane (C12)	6.428	5154470	33.826 ug/ml
5) T A~2-methylnaphthalene...	7.066	6374494	47.962 ug/mlm
6) T n-Tetradecane (C14)	8.250	6836250	44.666 ug/ml
7) T n-Hexadecane (C16)	9.848	6696502	42.872 ug/ml
8) T n-Octadecane (C18)	11.284	6896908	42.998 ug/ml
10) T n-Eicosane (C20)	12.589	7074286	43.382 ug/ml
11) T n-Heneicosane (C21)	13.211	6648322	40.350 ug/ml
13) T n-Docosane (C22)	13.784	6754411	41.032 ug/ml
14) T n-Tetracosane (C24)	14.859	9375983	57.169 ug/mlm
15) T n-Hexacosane (C26)	15.895	5950271	36.491 ug/ml
16) T n-Octacosane (C28)	16.841	6580936	41.080 ug/ml
17) T n-Tricontane (C30)	17.727	5844839	36.524 ug/ml
18) T n-Dotriacontane (C32)	18.556	6432460	40.849 ug/ml
19) T n-Tetratriacontane (C34)	19.338	6181132	41.720 ug/mlm
20) T n-Hexatriacontane (C36)	20.077	5163766	35.818 ug/mlm
21) T n-Octatriacontane (C38)	20.779	5934923	43.735 ug/mlm
22) T n-Tetracontane (C40)	21.559	5874389	46.148 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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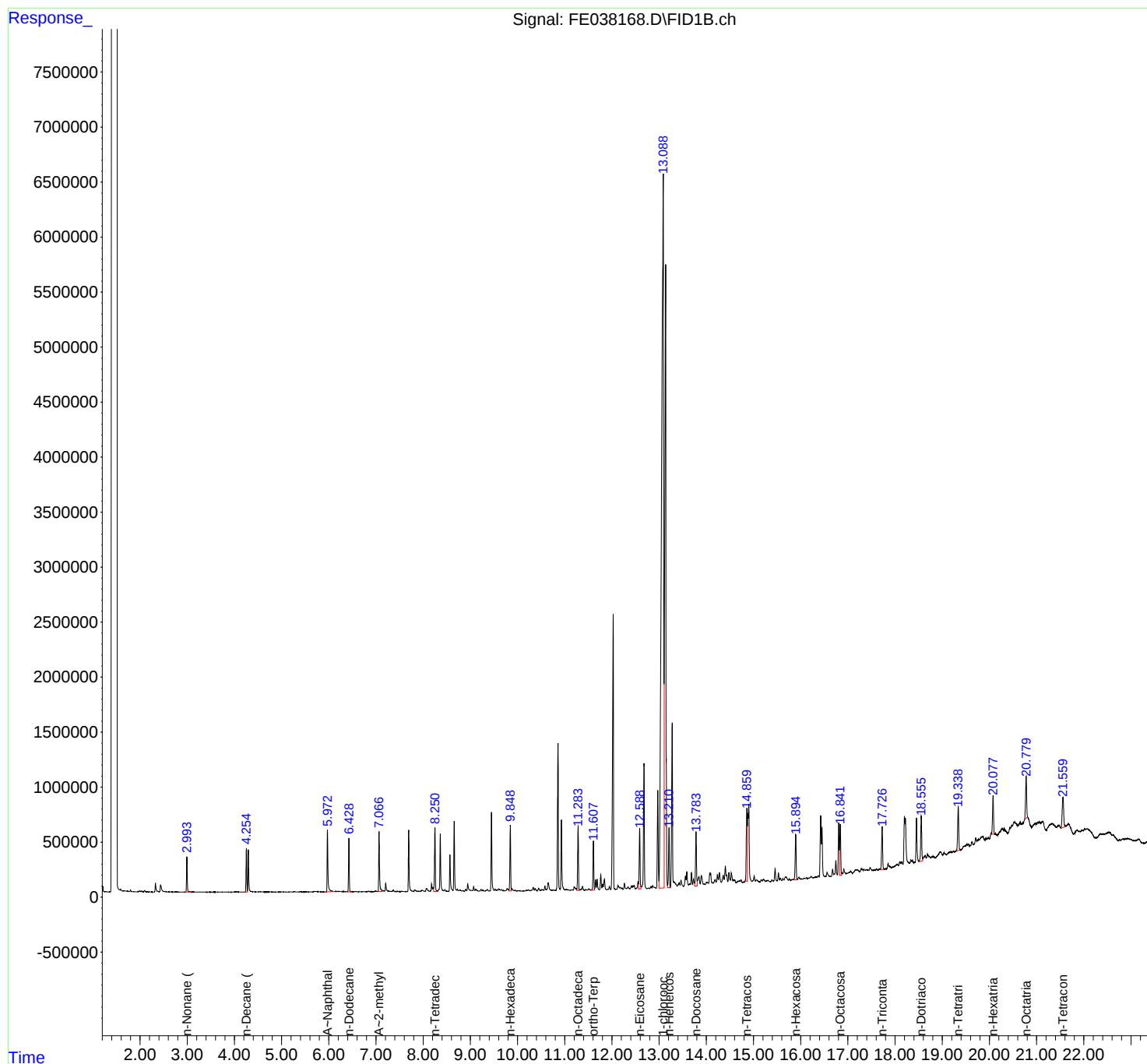
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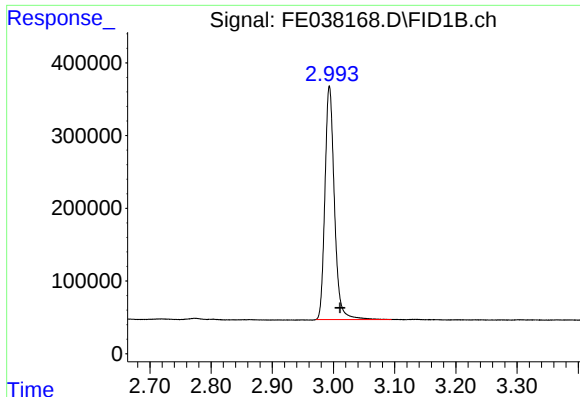
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#1 n-Nonane (C9)

R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 3458564
Conc: 23.48 ug/ml

Instrument :

FID_E

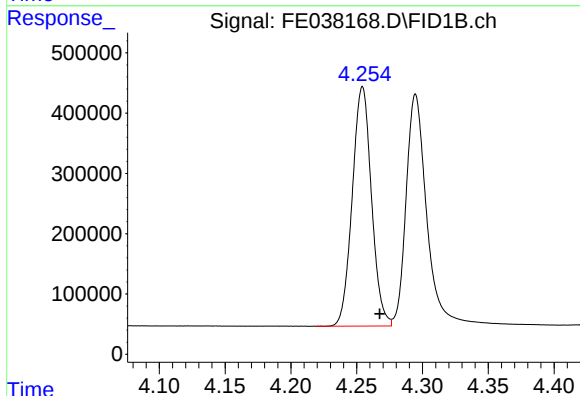
ClientSampleId :

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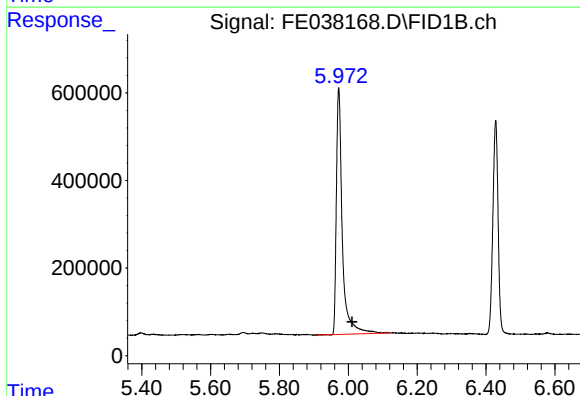
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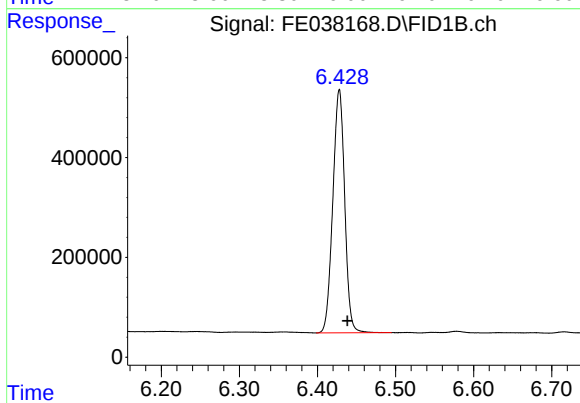
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.013 min
Response: 4034210
Conc: 27.29 ug/ml



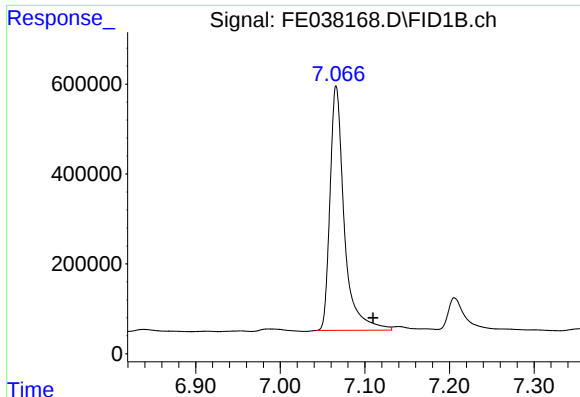
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.039 min
Response: 6818414
Conc: 49.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 5154470
Conc: 33.83 ug/ml



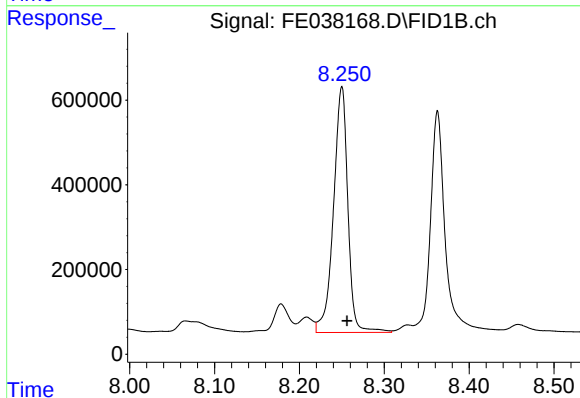
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: -0.044 min
Response: 6374494
Conc: 47.96 ug/ml

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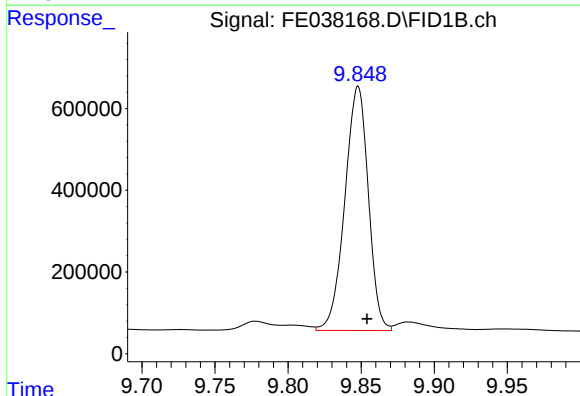
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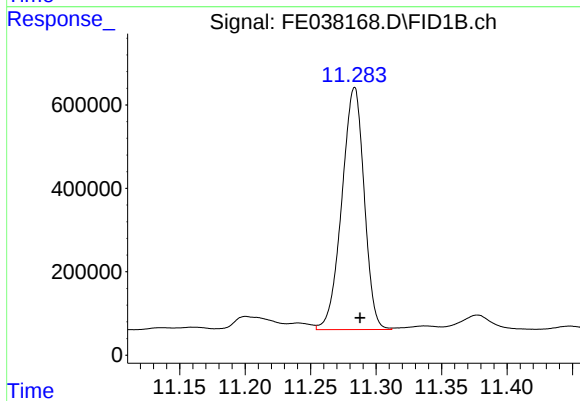
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.006 min
Response: 6836250
Conc: 44.67 ug/ml



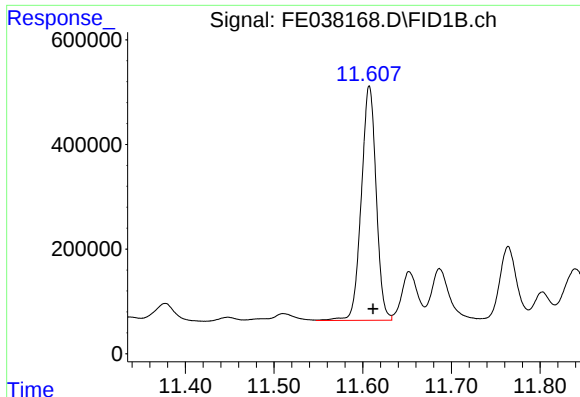
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.006 min
Response: 6696502
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.284 min
Delta R.T.: -0.004 min
Response: 6896908
Conc: 43.00 ug/ml



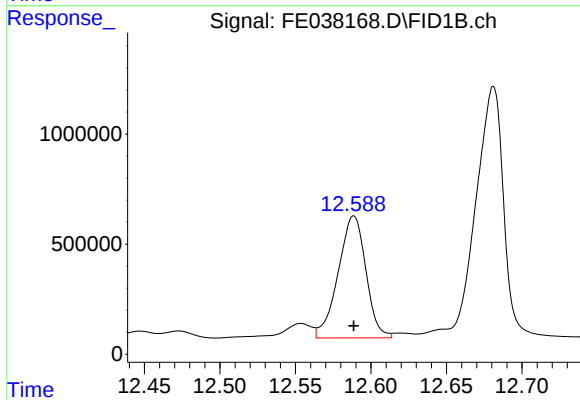
#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.004 min
Response: 5215425
Conc: 30.15 ug/ml

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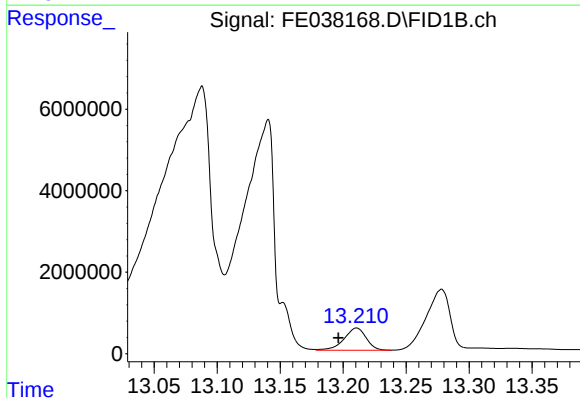
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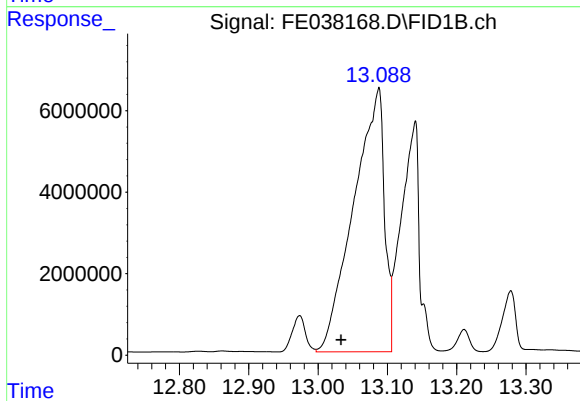
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 7074286
Conc: 43.38 ug/ml



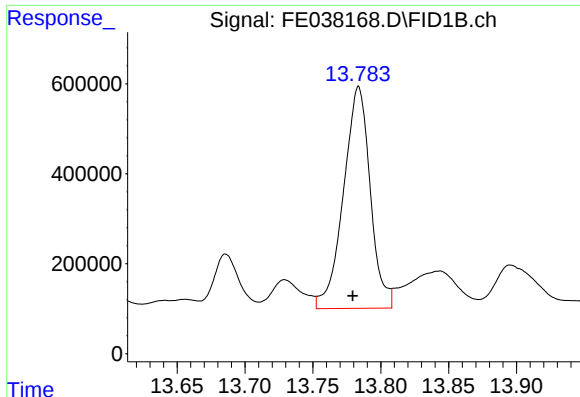
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: 0.015 min
Response: 6648322
Conc: 40.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: 0.055 min
Response: 199280473
Conc: 1474.38 ug/ml



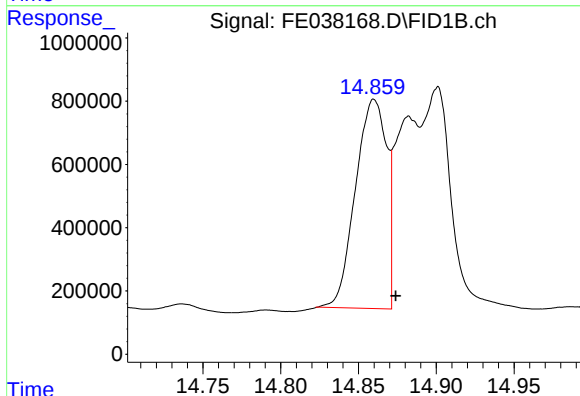
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: 0.004 min
Response: 6754411
Conc: 41.03 ug/ml

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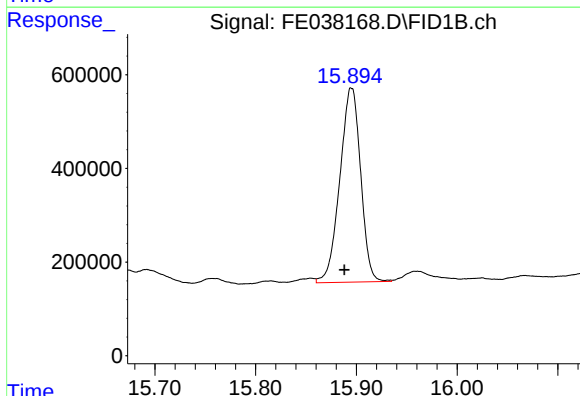
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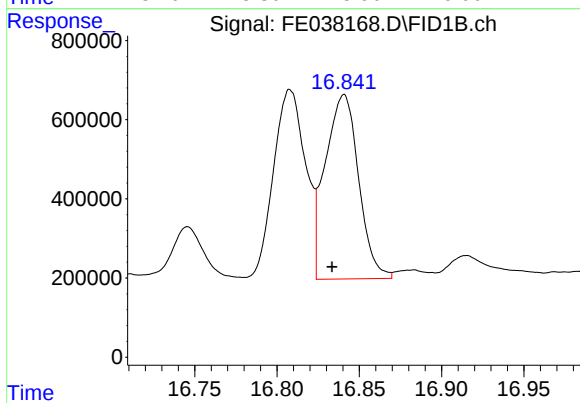
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.015 min
Response: 9375983
Conc: 57.17 ug/ml m



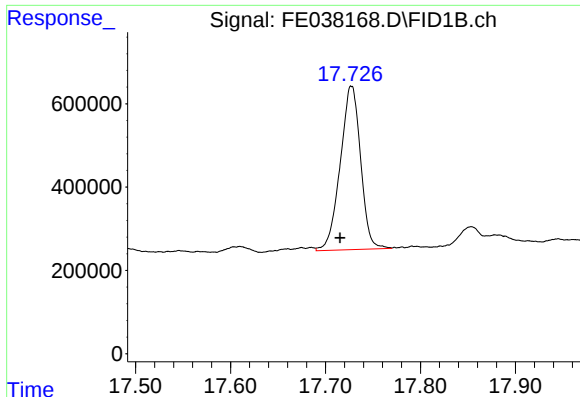
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.007 min
Response: 5950271
Conc: 36.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.007 min
Response: 6580936
Conc: 41.08 ug/ml



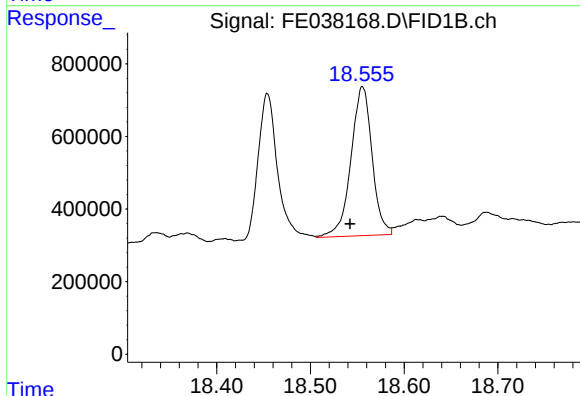
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.012 min
Response: 5844839
Conc: 36.52 ug/ml

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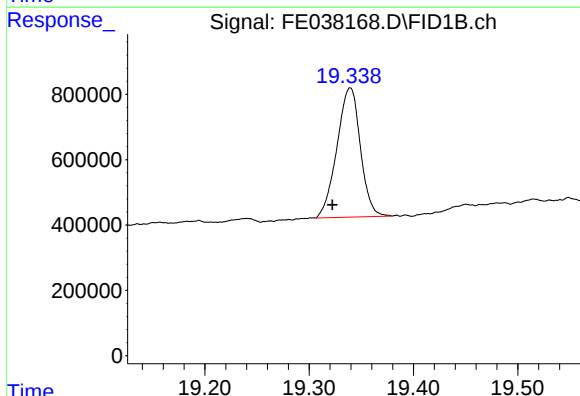
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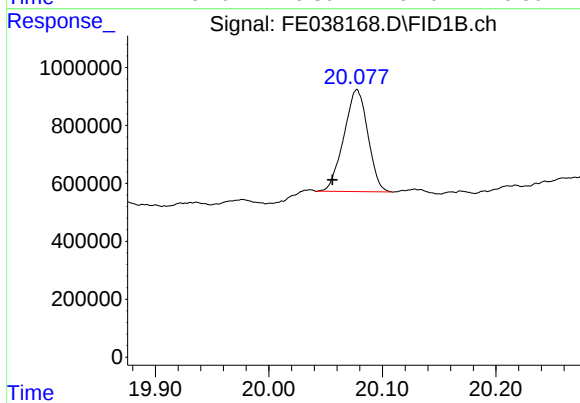
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.013 min
Response: 6432460
Conc: 40.85 ug/ml



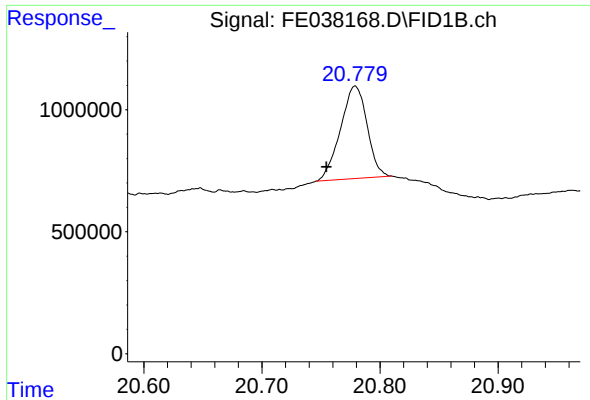
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.016 min
Response: 6181132
Conc: 41.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.021 min
Response: 5163766
Conc: 35.82 ug/ml m



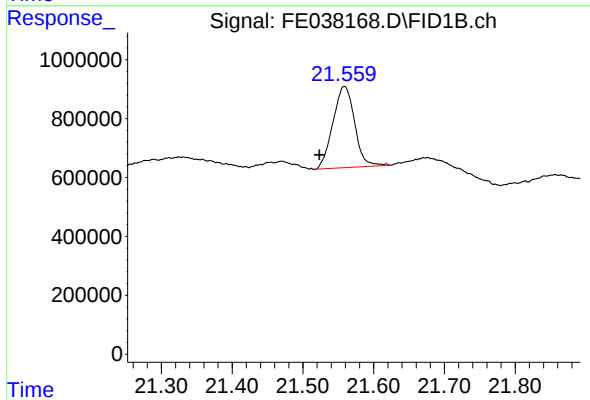
#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: 0.024 min
Response: 5934923
Conc: 43.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: 0.035 min
Response: 5874389
Conc: 46.15 ug/ml