

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111122AL\
 Data File : FE038757.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 21:57
 Operator : YP\AJ
 Sample : N5583-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-08-111022-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 10:00:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.969	5199422	30.217 ug/mlm
Spiked Amount 50.000		Recovery =	60.43%
12) S 1-chlorooctadecane (S...	13.414	54139957	395.467 ug/ml
Spiked Amount 50.000		Recovery =	790.93%
Target Compounds			
1) T n-Nonane (C9)	3.361	4058662	26.353 ug/ml
2) T n-Decane (C10)	4.610	4447385	28.652 ug/mlm
3) T A~Naphthalene (C11.7)	6.315	5301688	31.306 ug/ml
4) T n-Dodecane (C12)	6.773	4914263	31.458 ug/ml
5) T A~2-methylnaphthalene...	7.410	5470470	32.643 ug/ml
6) T n-Tetradecane (C14)	8.601	5404808	34.560 ug/ml
7) T n-Hexadecane (C16)	10.206	5798564	36.702 ug/ml
8) T n-Octadecane (C18)	11.650	5871460	36.656 ug/ml
10) T n-Eicosane (C20)	12.960	5698414	35.366 ug/ml
11) T n-Heneicosane (C21)	13.574	6129603	37.946 ug/ml
13) T n-Docosane (C22)	14.157	5555740	34.413 ug/mlm
14) T n-Tetracosane (C24)	15.255	11218392	69.941 ug/ml
15) T n-Hexacosane (C26)	16.283	5258882	33.109 ug/mlm
16) T n-Octacosane (C28)	17.231	5365359	34.198 ug/mlm
17) T n-Tricontane (C30)	18.120	5279463	33.088 ug/ml
18) T n-Dotriacontane (C32)	18.953	5486722	34.799 ug/ml
19) T n-Tetratriacontane (C34)	19.734	5386534	36.538 ug/mlm
20) T n-Hexatriacontane (C36)	20.476	5427172	37.983 ug/ml
21) T n-Octatriacontane (C38)	21.223	5471482	40.510 ug/mlm
22) T n-Tetracontane (C40)	22.155	6007997	47.596 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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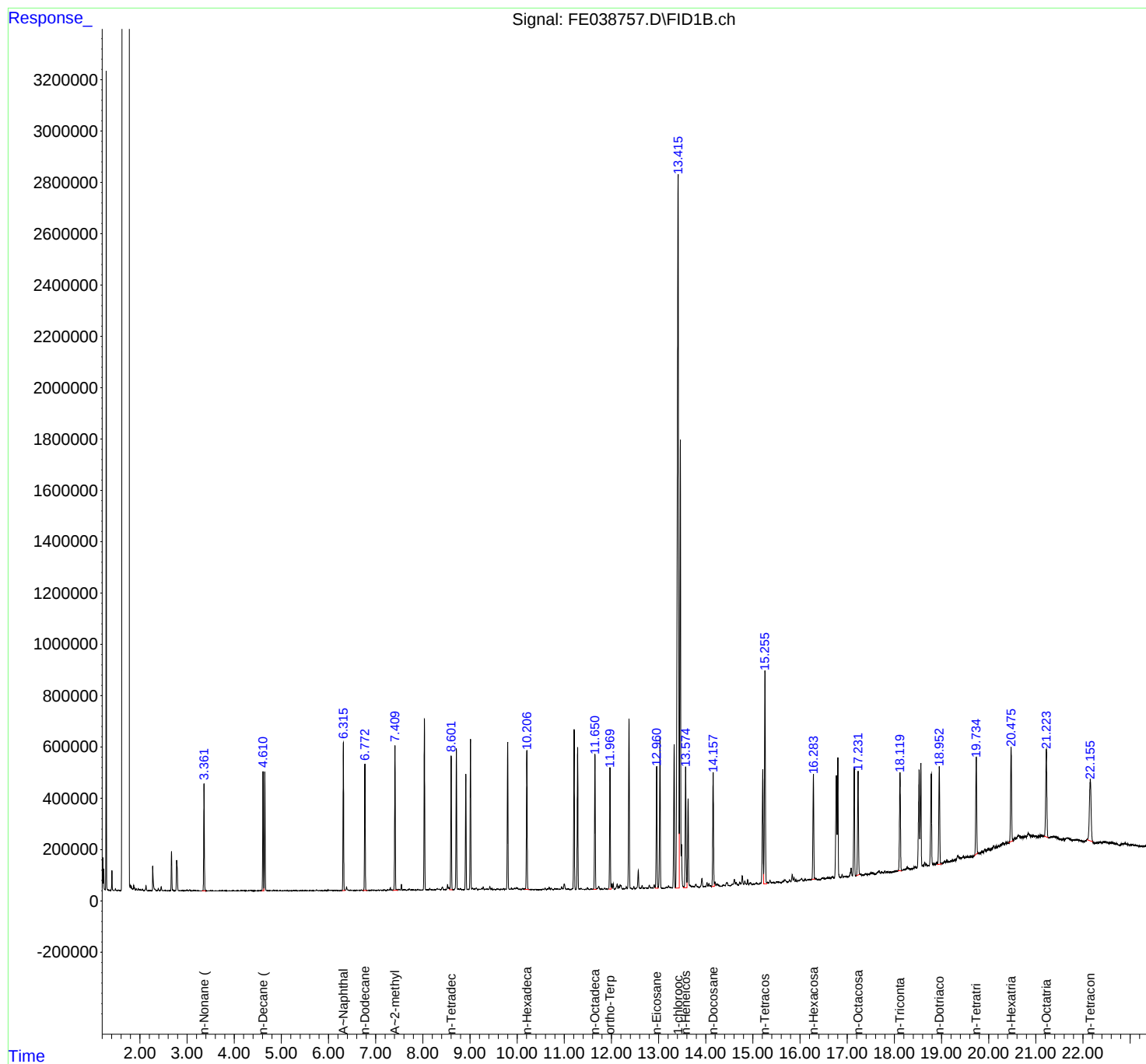
Instrument :
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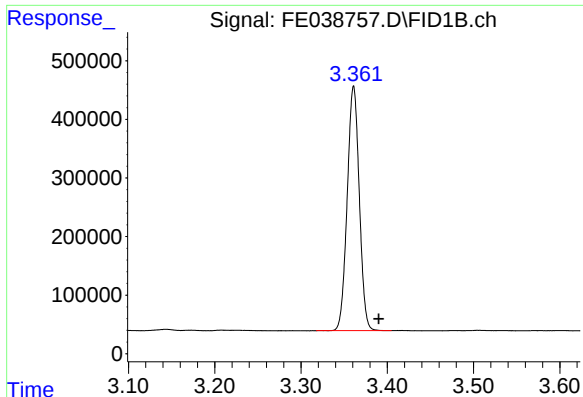
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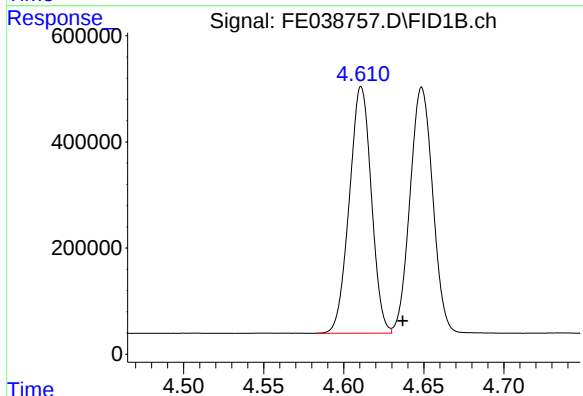
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 4058662
Conc: 26.35 ug/ml

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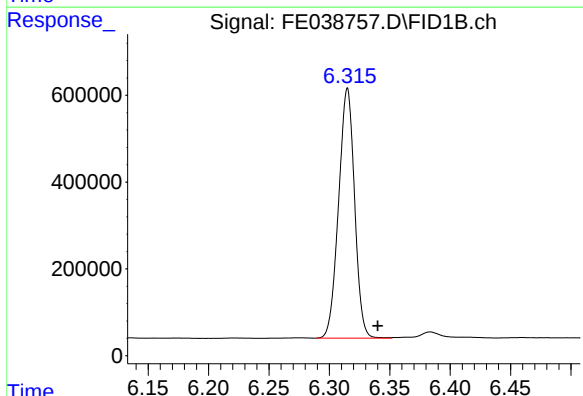
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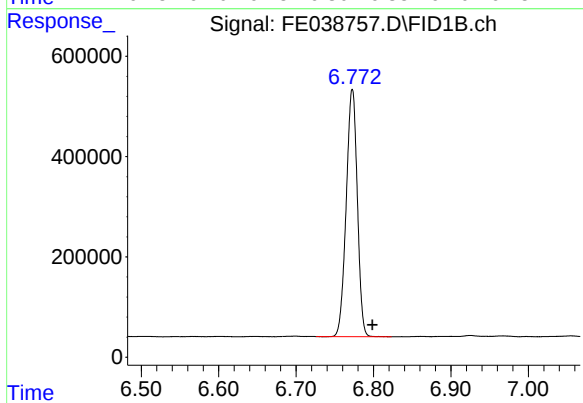
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.026 min
Response: 4447385
Conc: 28.65 ug/ml m



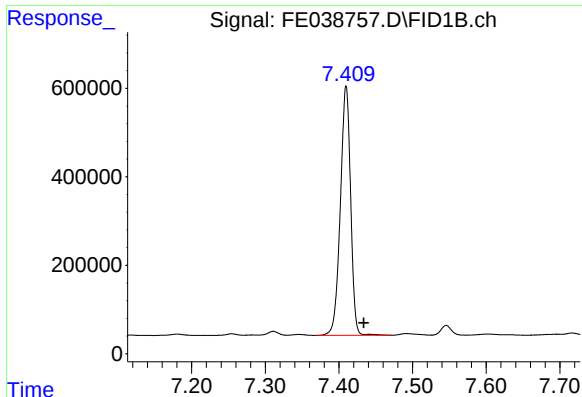
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.025 min
Response: 5301688
Conc: 31.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 4914263
Conc: 31.46 ug/ml



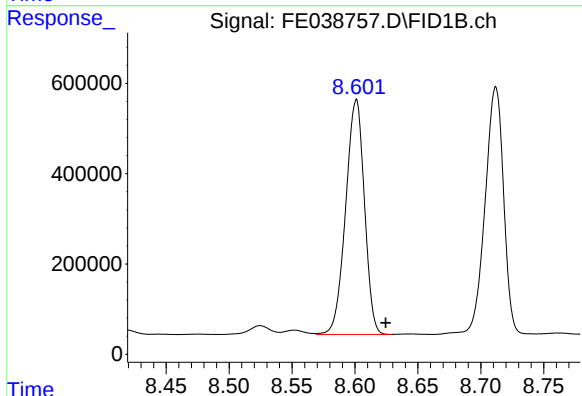
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.024 min
Response: 5470470
Conc: 32.64 ug/ml

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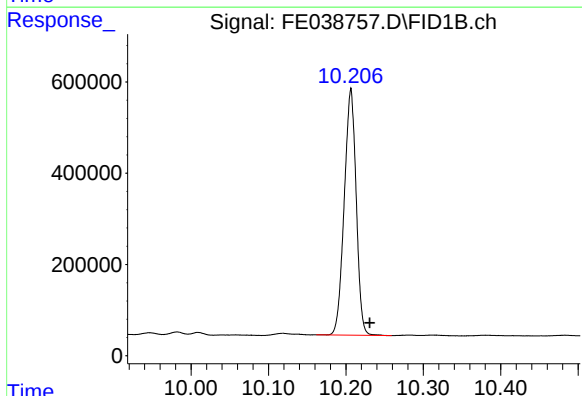
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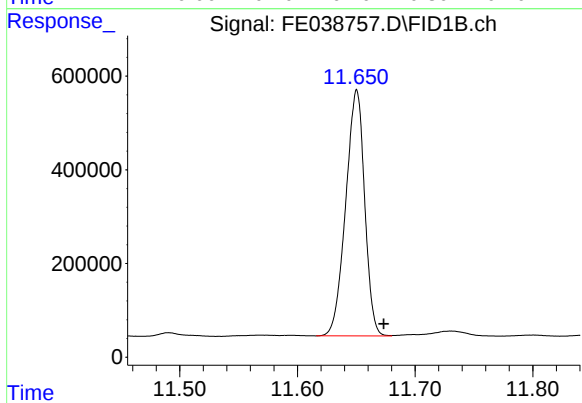
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 5404808
Conc: 34.56 ug/ml



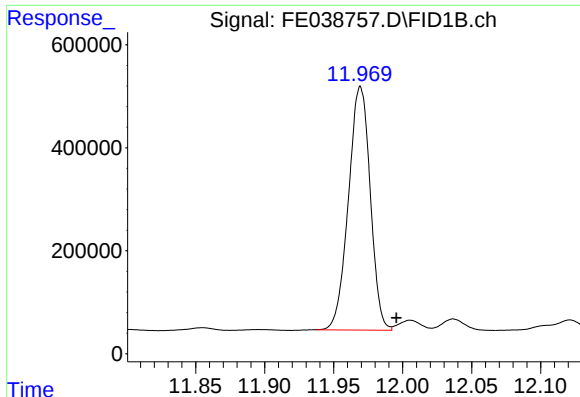
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.025 min
Response: 5798564
Conc: 36.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.023 min
Response: 5871460
Conc: 36.66 ug/ml



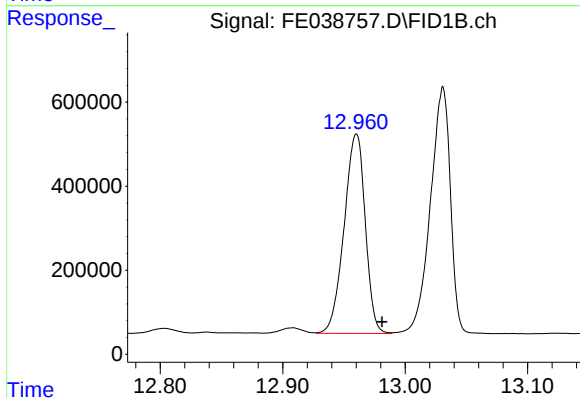
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.027 min
Response: 5199422
Conc: 30.22 ug/ml

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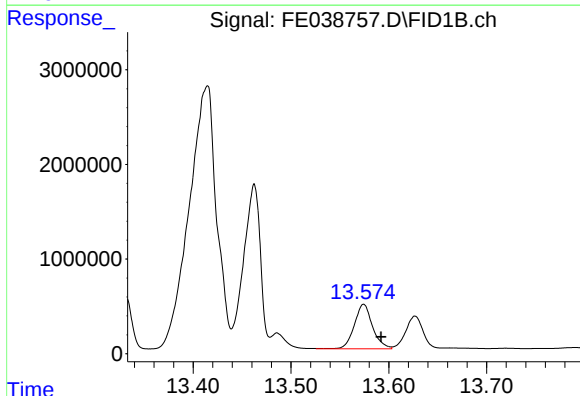
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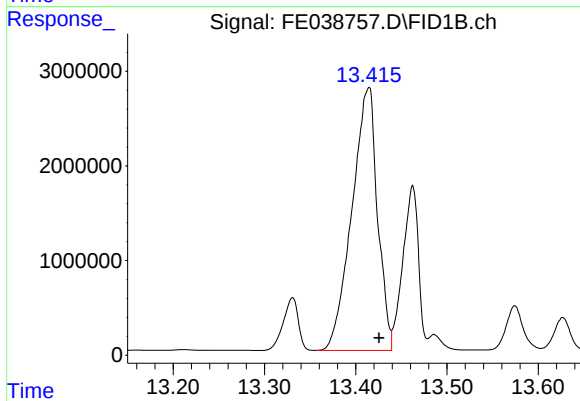
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.021 min
Response: 5698414
Conc: 35.37 ug/ml



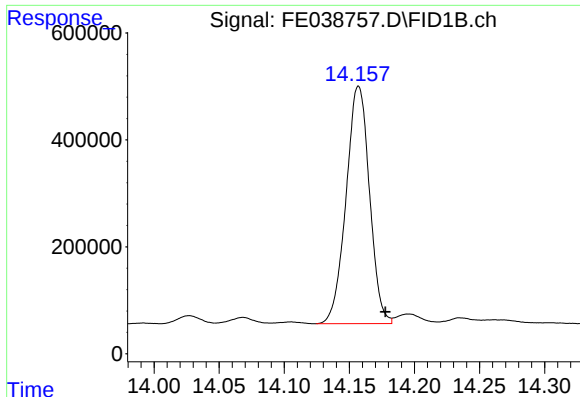
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.018 min
Response: 6129603
Conc: 37.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.011 min
Response: 54139957
Conc: 395.47 ug/ml



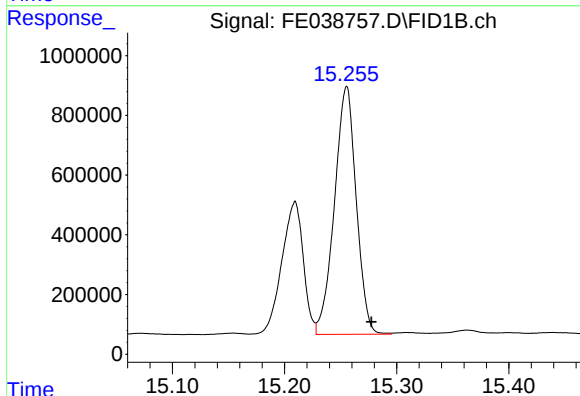
#13 n-Docosane (C22)

R.T.: 14.157 min
Delta R.T.: -0.021 min
Response: 5555740
Conc: 34.41 ug/ml

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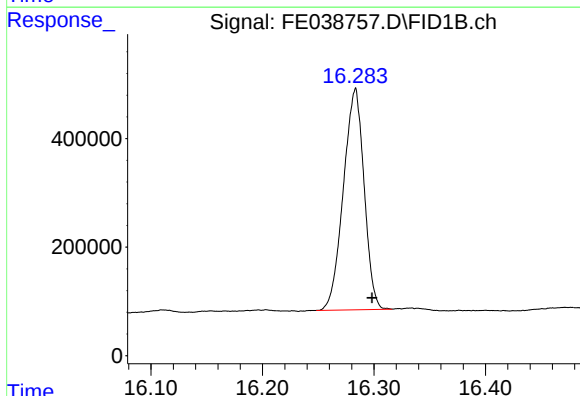
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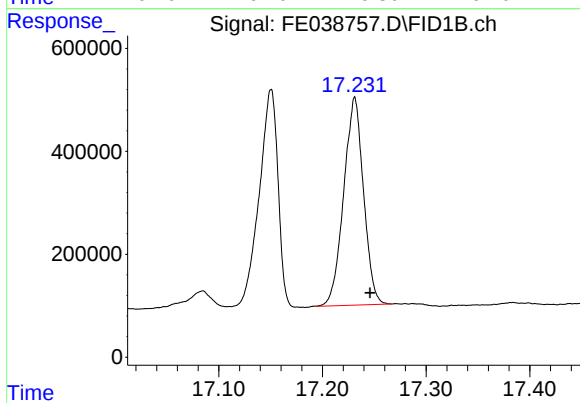
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.022 min
Response: 11218392
Conc: 69.94 ug/ml



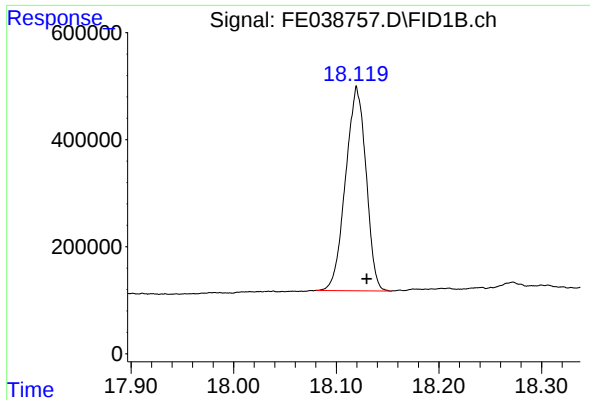
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.015 min
Response: 5258882
Conc: 33.11 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.015 min
Response: 5365359
Conc: 34.20 ug/ml m



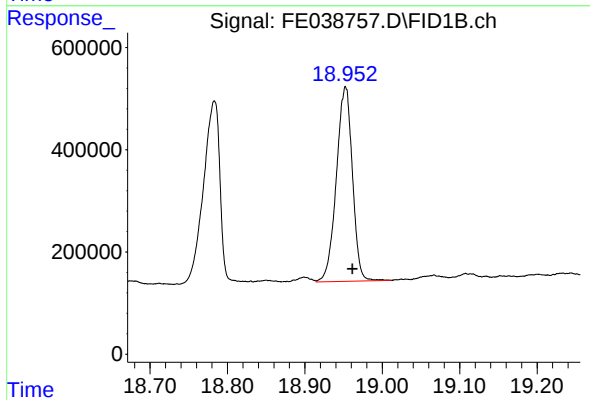
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.010 min
Response: 5279463
Conc: 33.09 ug/ml

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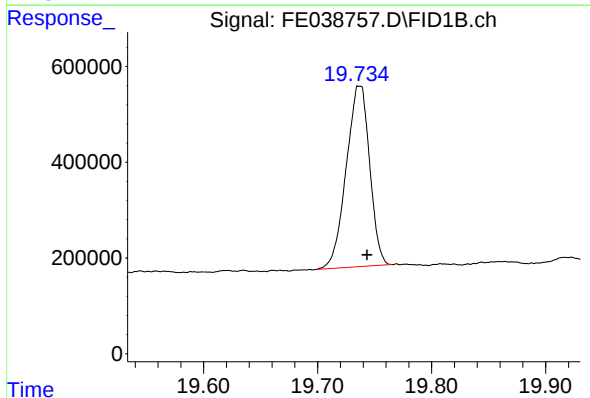
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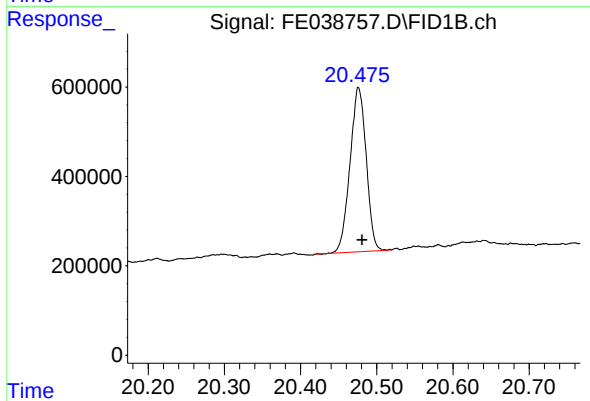
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: -0.009 min
Response: 5486722
Conc: 34.80 ug/ml



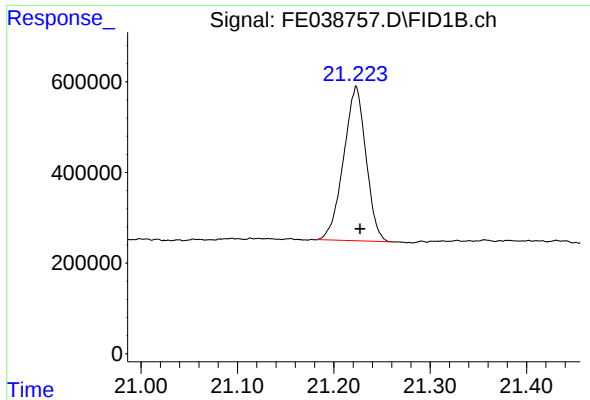
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.009 min
Response: 5386534
Conc: 36.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.005 min
Response: 5427172
Conc: 37.98 ug/ml



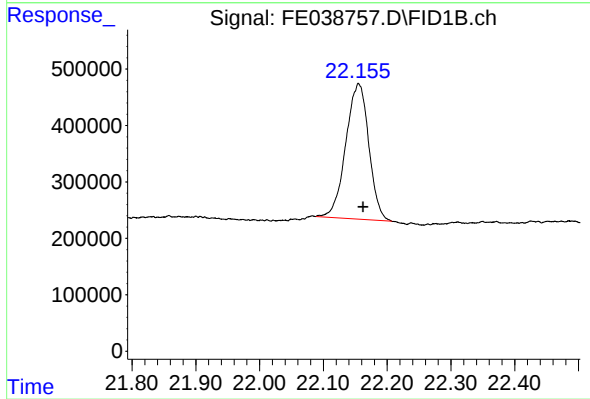
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.004 min
Response: 5471482
Conc: 40.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.008 min
Response: 6007997
Conc: 47.60 ug/ml m