

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041865.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 19:02
 Operator : YP\AJ
 Sample : 02743-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 DRUM-B-SLUDGE-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/12/2023
 Supervised By :Ankita Jodhani 05/12/2023

Integration File: autoint1.e
 Quant Time: May 12 01:13:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.966	4009168	21.370 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
12) S 1-chlorooctadecane (S...	13.402	3043227	21.542 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
1) T n-Nonane (C9)	3.351	4708702	32.033 ug/ml
2) T n-Decane (C10)	4.603	5328066	35.525 ug/ml
3) T A~Naphthalene (C11.7)	6.305	6309758	38.128 ug/ml
4) T n-Dodecane (C12)	6.769	6026609	39.637 ug/ml
5) T A~2-methylnaphthalene...	7.402	6357868	39.429 ug/ml
6) T n-Tetradecane (C14)	8.599	6567509	43.235 ug/ml
7) T n-Hexadecane (C16)	10.206	7067528	44.287 ug/ml
8) T n-Octadecane (C18)	11.650	7273569	44.375 ug/ml
10) T n-Eicosane (C20)	12.960	7190218	44.703 ug/ml
11) T n-Heneicosane (C21)	13.572	7016287	44.025 ug/ml
13) T n-Docosane (C22)	14.158	6935636	43.530 ug/ml
14) T n-Tetracosane (C24)	15.245	12720953	78.904 ug/mlm
15) T n-Hexacosane (C26)	16.283	6523510	41.263 ug/ml
16) T n-Octacosane (C28)	17.230	6297187	40.925 ug/ml
17) T n-Tricontane (C30)	18.119	6136339	40.290 ug/ml
18) T n-Dotriacontane (C32)	18.951	5875921	39.441 ug/ml
19) T n-Tetratriacontane (C34)	19.733	5783433	41.053 ug/ml
20) T n-Hexatriacontane (C36)	20.475	5524233	41.309 ug/ml
21) T n-Octatriacontane (C38)	21.223	5546098	41.973 ug/ml
22) T n-Tetracontane (C40)	22.158	5668688	44.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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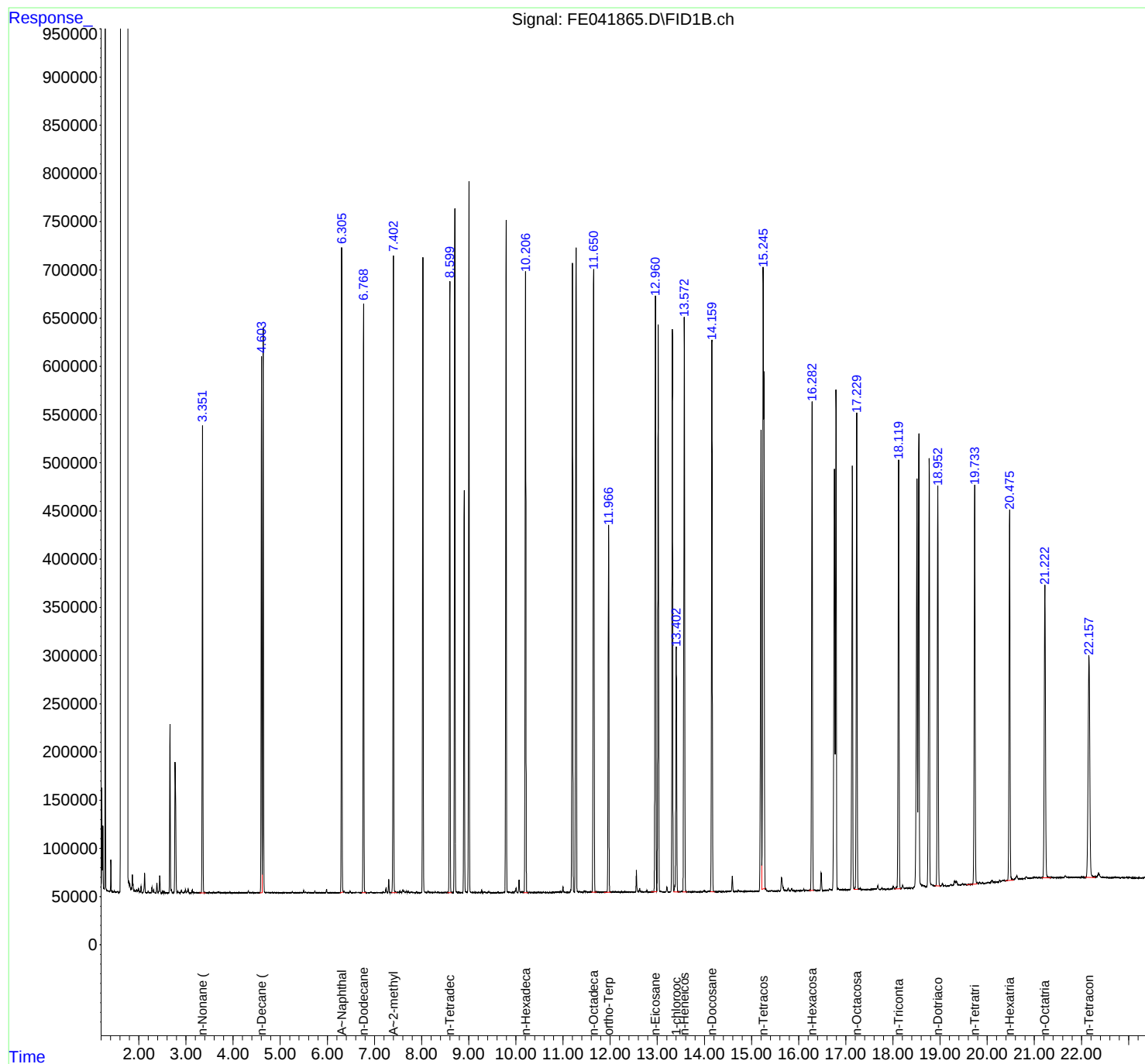
Instrument :
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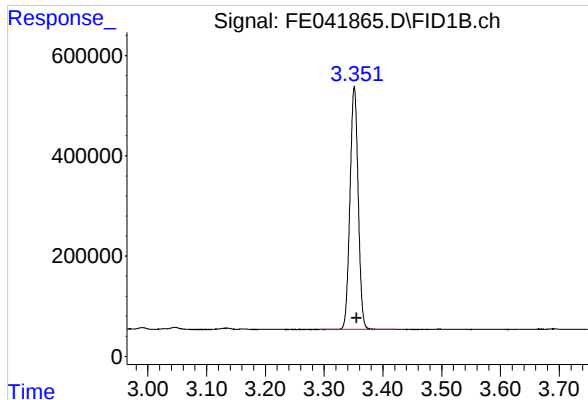
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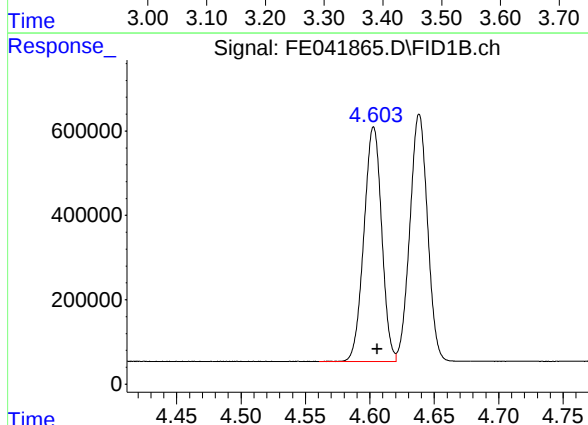
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.004 min
Response: 4708702
Conc: 32.03 ug/ml

Instrument :
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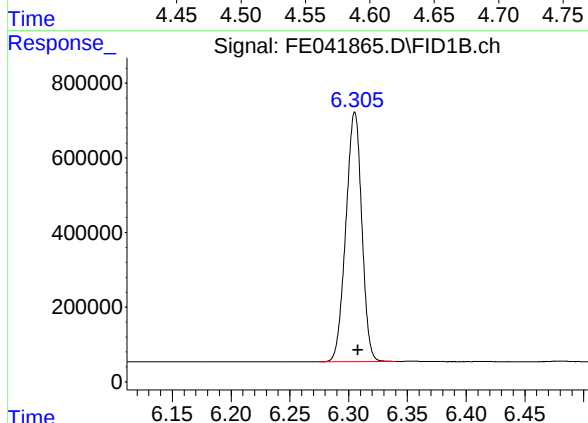
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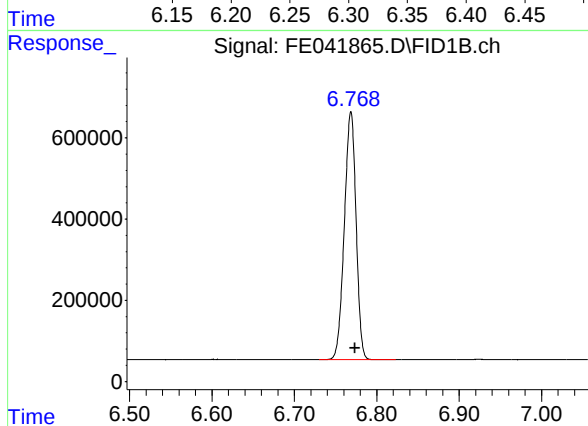
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 5328066
Conc: 35.53 ug/ml



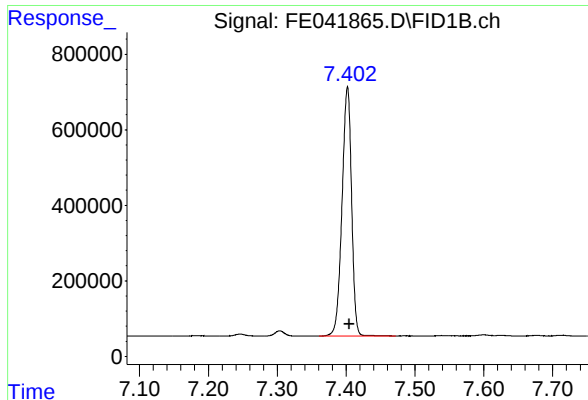
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 6309758
Conc: 38.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 6026609
Conc: 39.64 ug/ml



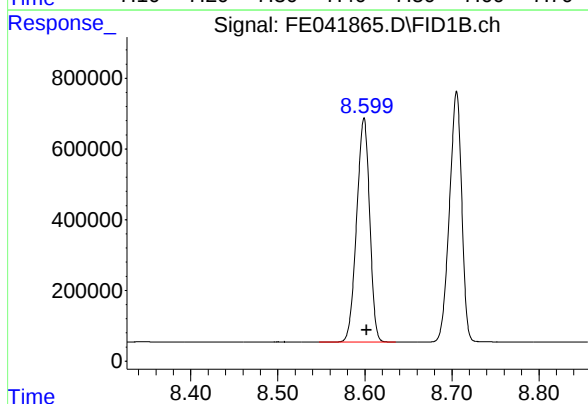
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 6357868
Conc: 39.43 ug/ml

Instrument : FID_E
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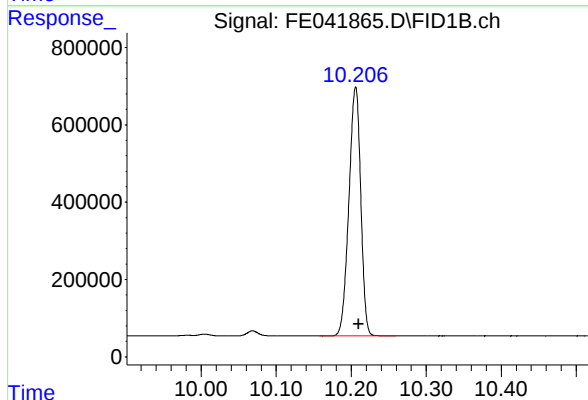
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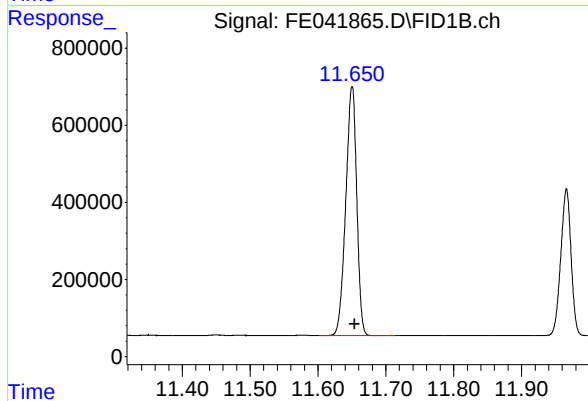
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 6567509
Conc: 43.23 ug/ml



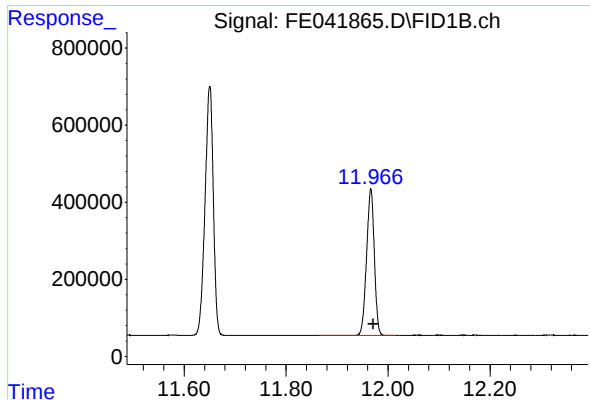
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 7067528
Conc: 44.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 7273569
Conc: 44.37 ug/ml



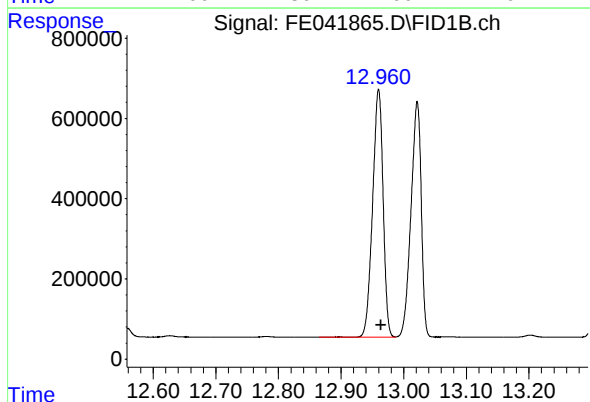
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.005 min
Response: 4009168
Conc: 21.37 ug/ml

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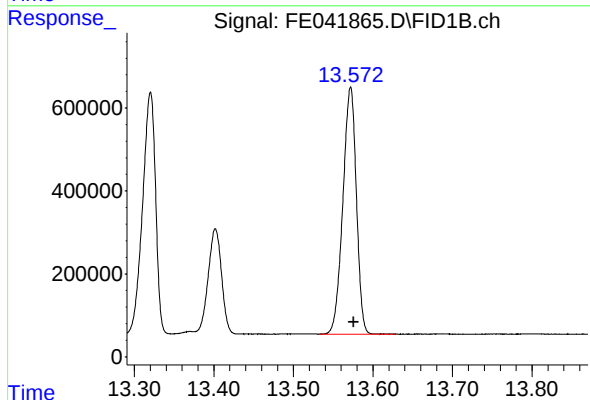
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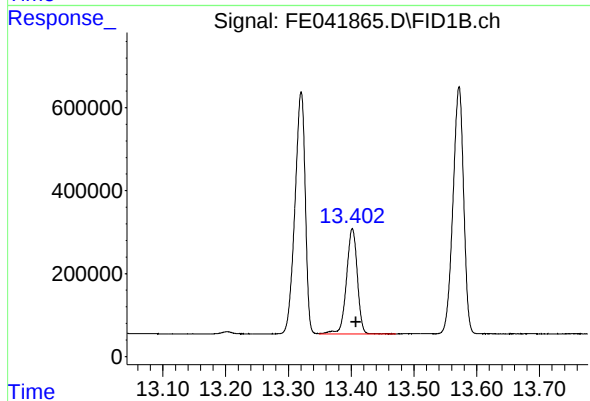
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 7190218
Conc: 44.70 ug/ml



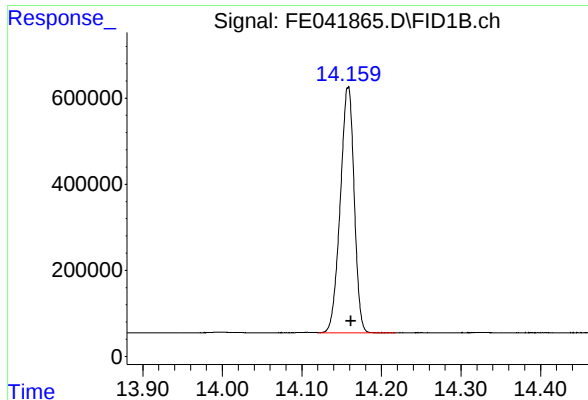
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.004 min
Response: 7016287
Conc: 44.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 3043227
Conc: 21.54 ug/ml



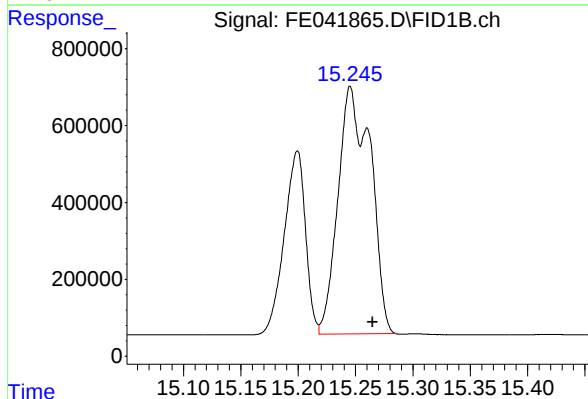
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 6935636
Conc: 43.53 ug/ml

Instrument : FID_E
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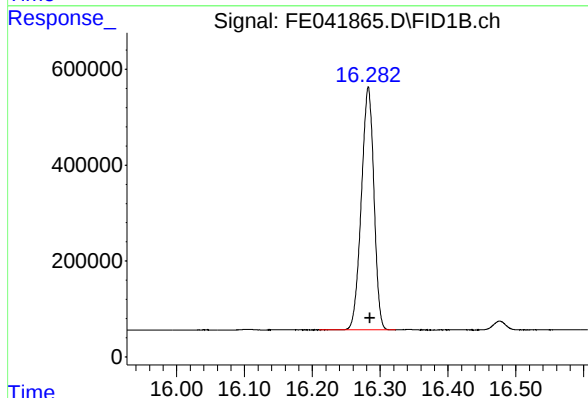
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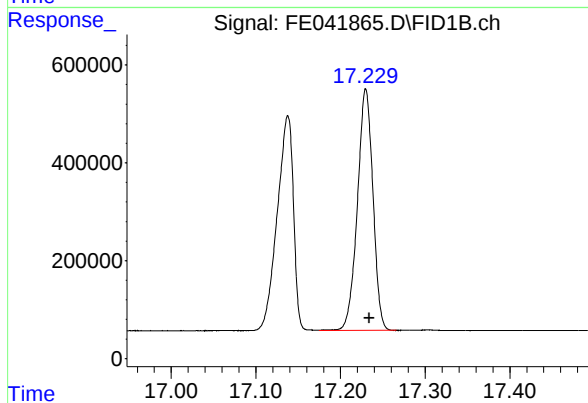
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.020 min
Response: 12720953
Conc: 78.90 ug/ml m



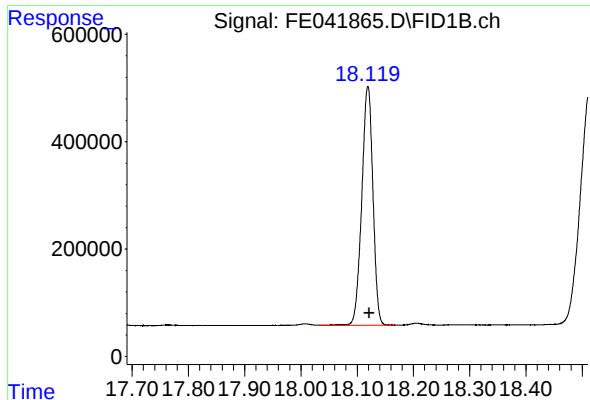
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.002 min
Response: 6523510
Conc: 41.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: -0.004 min
Response: 6297187
Conc: 40.92 ug/ml



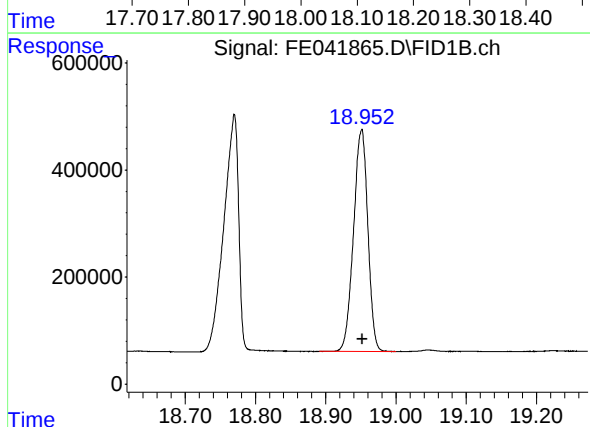
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.002 min
Response: 6136339
Conc: 40.29 ug/ml

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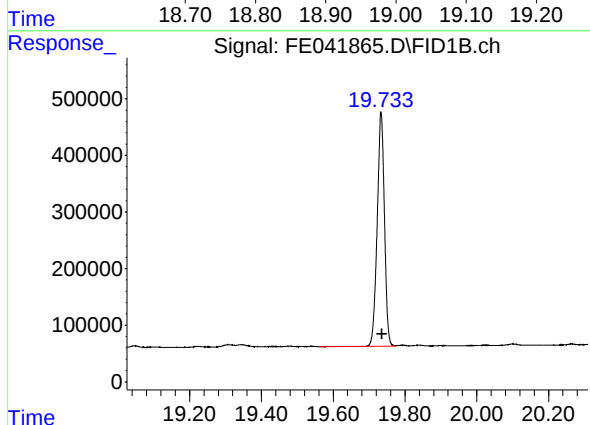
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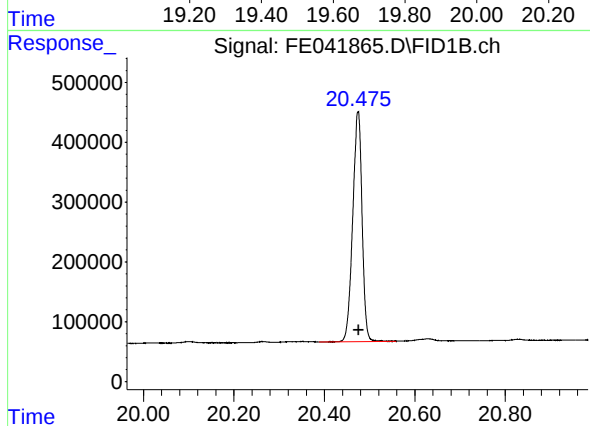
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 5875921
Conc: 39.44 ug/ml



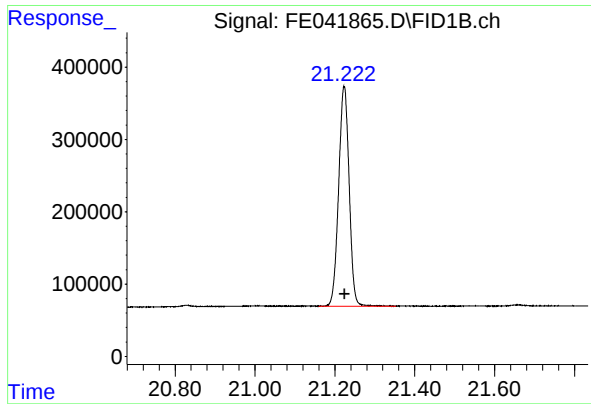
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 5783433
Conc: 41.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.002 min
Response: 5524233
Conc: 41.31 ug/ml



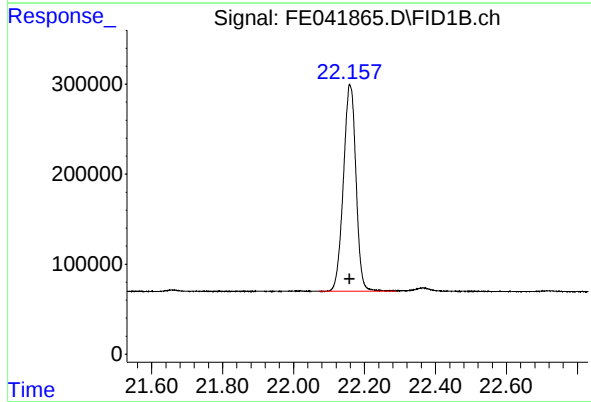
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.001 min
Response: 5546098
Conc: 41.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.000 min
Response: 5668688
Conc: 44.77 ug/ml