

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039497.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2022 20:52
 Operator : YP\AJ
 Sample : N6200-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-502A-COMP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 02:19:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.928	4926998	33.015 ug/ml
Spiked Amount 50.000		Recovery =	66.03%
12) S 1-chlorooctadecane (S...	13.363	4106324	35.676 ug/ml
Spiked Amount 50.000		Recovery =	71.35%
Target Compounds			
1) T n-Nonane (C9)	3.330	3373777	26.101 ug/ml
2) T n-Decane (C10)	4.576	3769819	29.586 ug/ml
3) T A~Naphthalene (C11.7)	6.275	5564882	38.496 ug/ml
4) T n-Dodecane (C12)	6.736	3979465	30.653 ug/ml
5) T A~2-methylnaphthalene...	7.370	5296068	39.105 ug/ml
6) T n-Tetradecane (C14)	8.563	4063183	30.663 ug/ml
7) T n-Hexadecane (C16)	10.169	4496525	32.684 ug/ml
8) T n-Octadecane (C18)	11.610	4802415	34.288 ug/ml
10) T n-Eicosane (C20)	12.919	4659012	34.130 ug/ml
11) T n-Heneicosane (C21)	13.530	4566726	33.483 ug/mlm
13) T n-Docosane (C22)	14.117	4556076	33.680 ug/ml
14) T n-Tetracosane (C24)	15.217	2834121	21.112 ug/mlm
15) T n-Hexacosane (C26)	16.241	4336360	33.303 ug/ml
16) T n-Octacosane (C28)	17.189	4300185	33.412 ug/ml
17) T n-Tricontane (C30)	18.076	4020887	31.230 ug/mlm
18) T n-Dotriacontane (C32)	18.909	4015426	31.007 ug/ml
19) T n-Tetratriacontane (C34)	19.692	3971524	31.479 ug/ml
20) T n-Hexatriacontane (C36)	20.433	3755132	31.055 ug/ml
21) T n-Octatriacontane (C38)	21.170	3754960	30.405 ug/ml
22) T n-Tetracontane (C40)	22.079	3706855	29.517 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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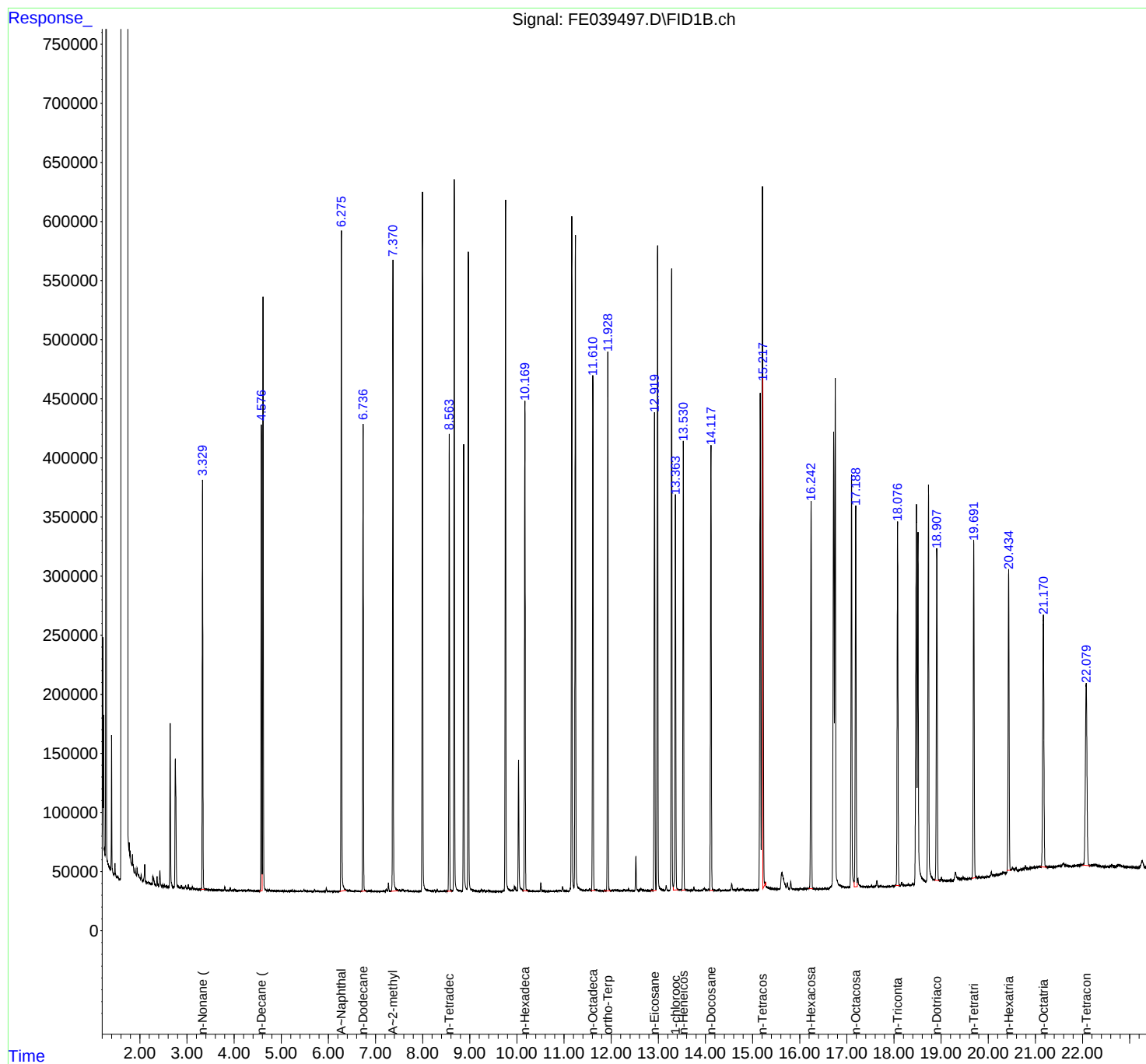
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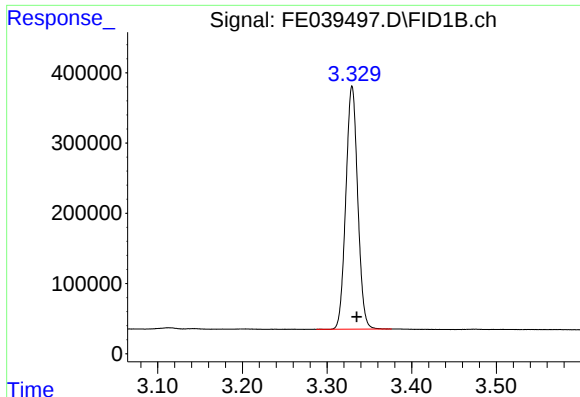
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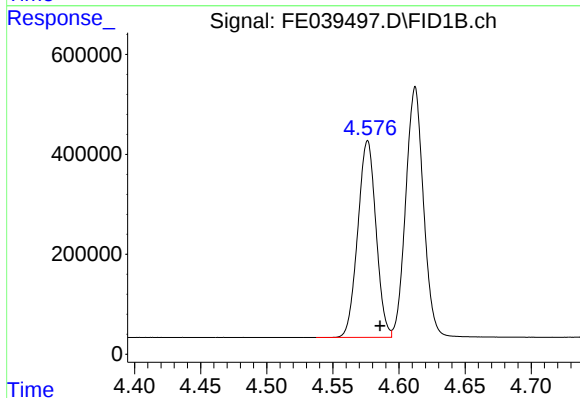
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 3373777
Conc: 26.10 ug/ml

Instrument :
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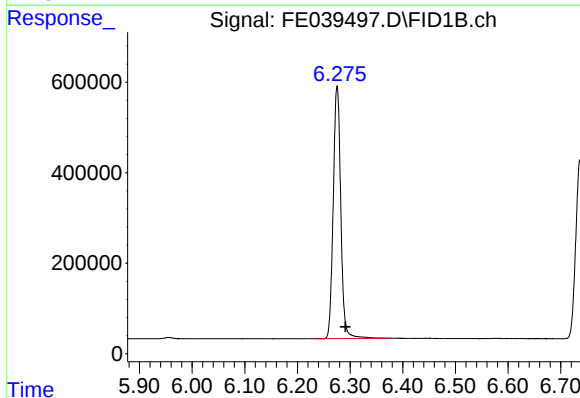
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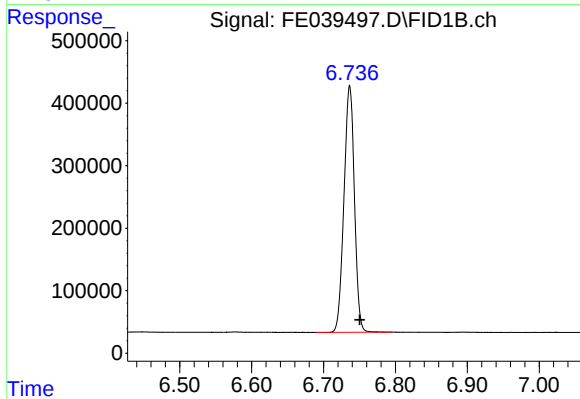
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 3769819
Conc: 29.59 ug/ml



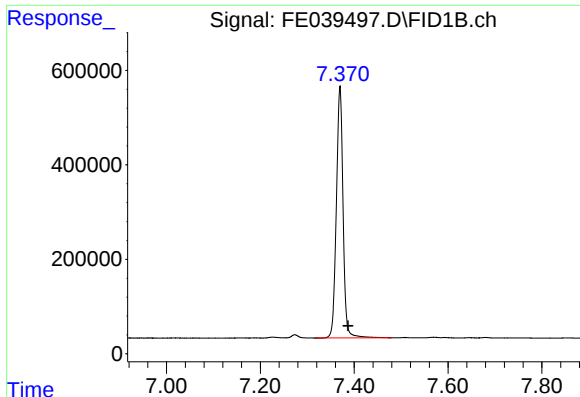
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.016 min
Response: 5564882
Conc: 38.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.014 min
Response: 3979465
Conc: 30.65 ug/ml



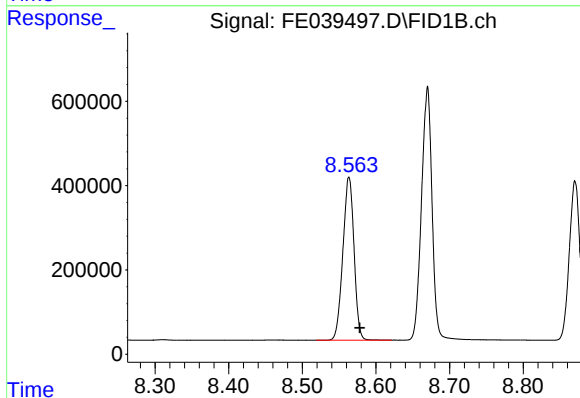
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.017 min
Response: 5296068
Conc: 39.11 ug/ml

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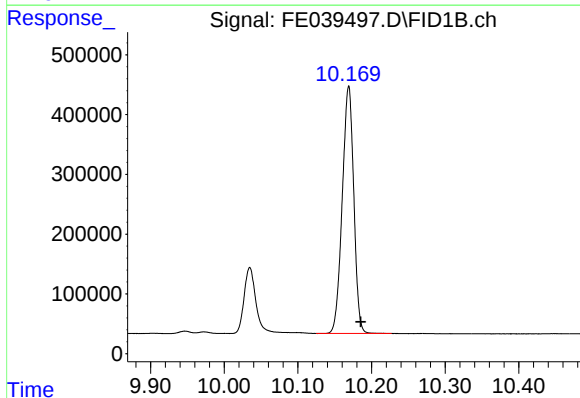
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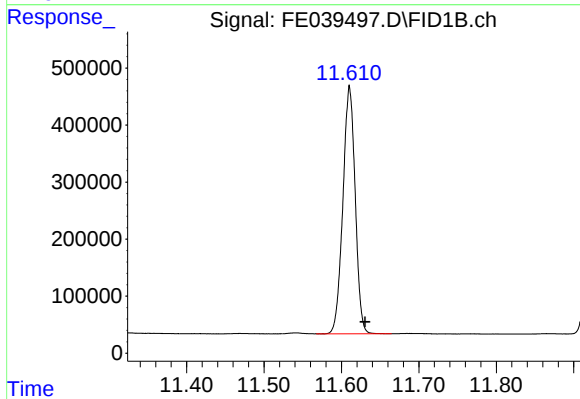
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.014 min
Response: 4063183
Conc: 30.66 ug/ml



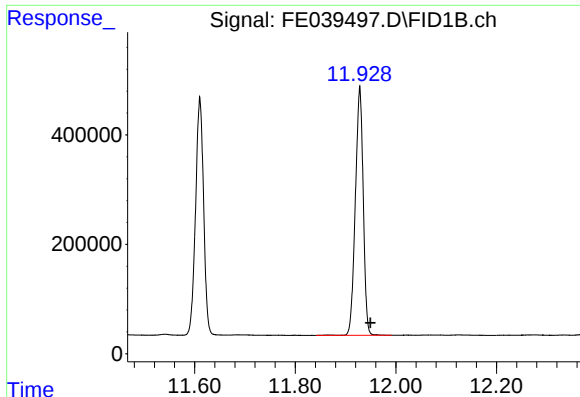
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 4496525
Conc: 32.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.020 min
Response: 4802415
Conc: 34.29 ug/ml



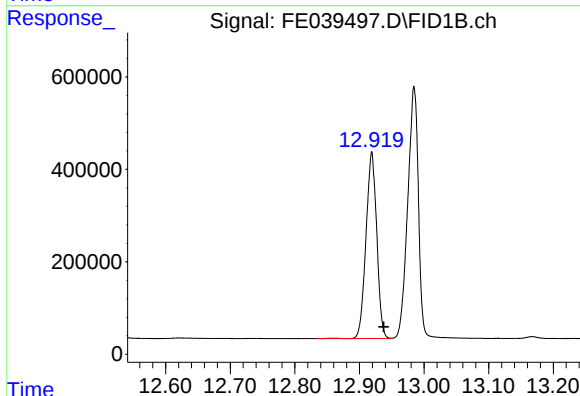
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.021 min
Response: 4926998
Conc: 33.02 ug/ml

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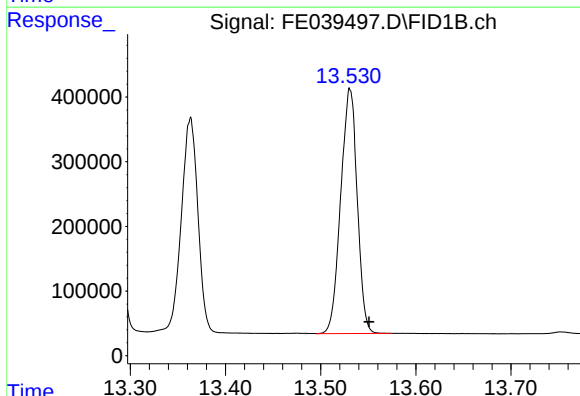
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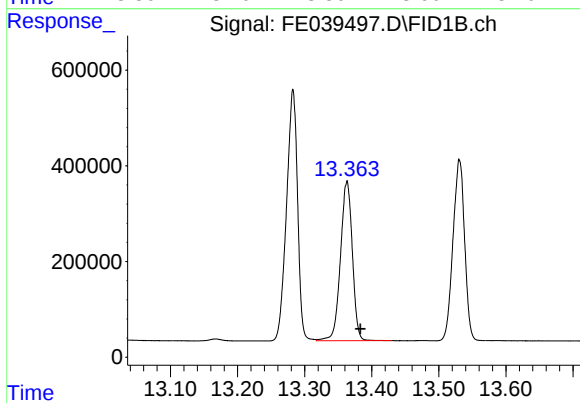
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.019 min
Response: 4659012
Conc: 34.13 ug/ml



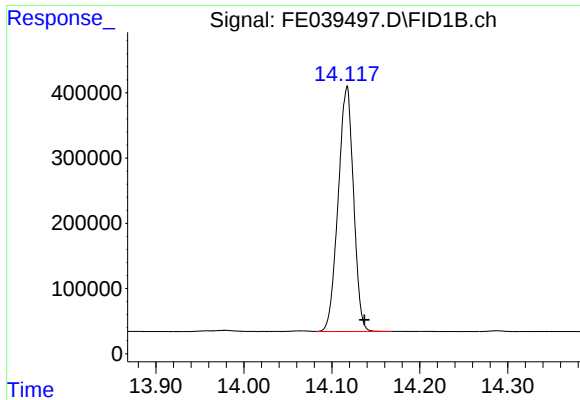
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 4566726
Conc: 33.48 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.020 min
Response: 4106324
Conc: 35.68 ug/ml



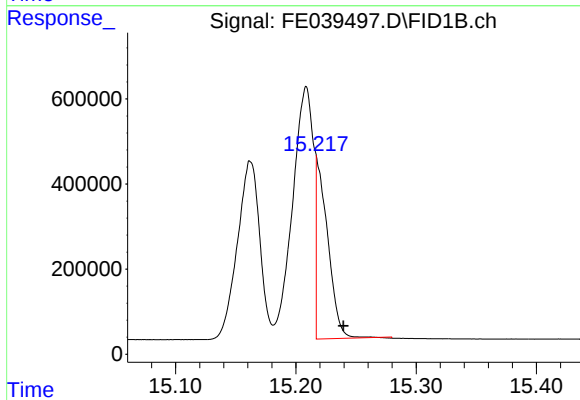
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 4556076
Conc: 33.68 ug/ml

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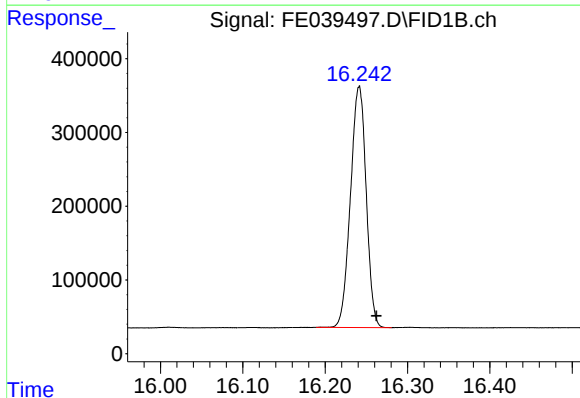
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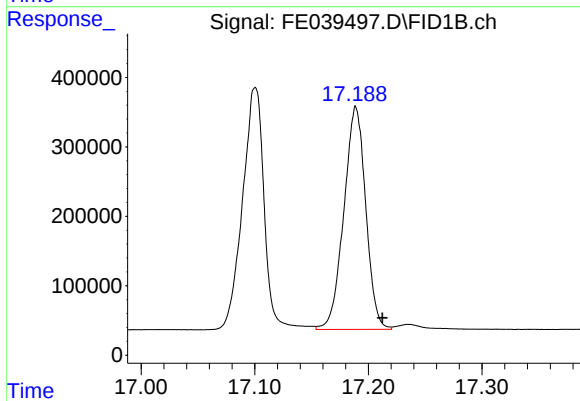
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.023 min
Response: 2834121
Conc: 21.11 ug/ml m



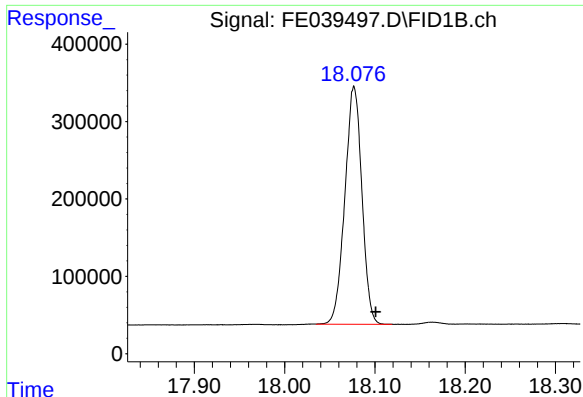
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 4336360
Conc: 33.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 4300185
Conc: 33.41 ug/ml



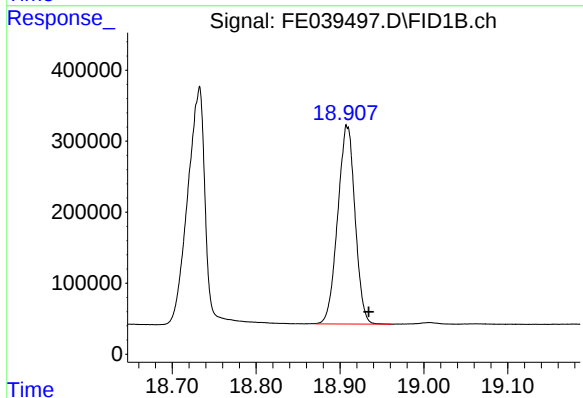
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.025 min
Response: 4020887
Conc: 31.23 ug/ml

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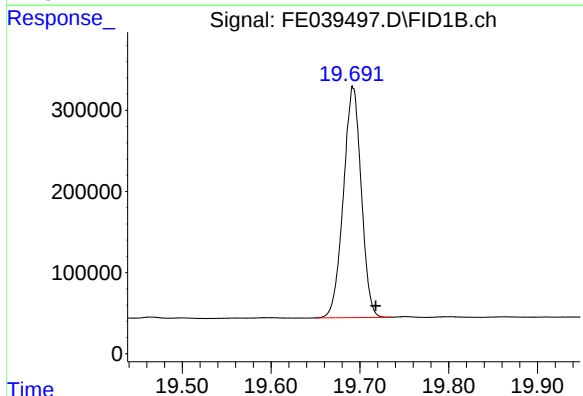
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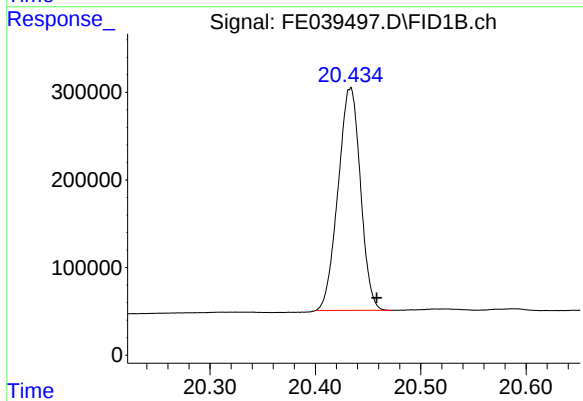
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.026 min
Response: 4015426
Conc: 31.01 ug/ml



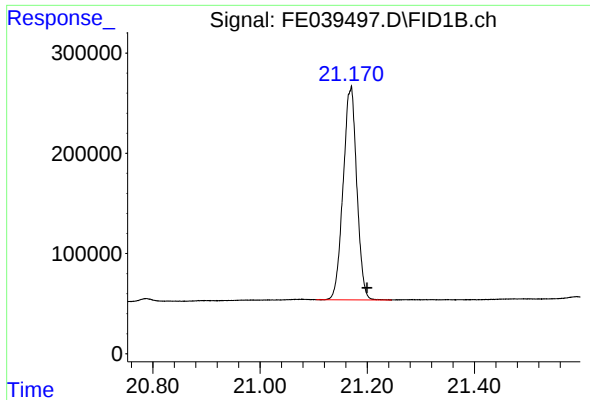
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.025 min
Response: 3971524
Conc: 31.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.025 min
Response: 3755132
Conc: 31.06 ug/ml



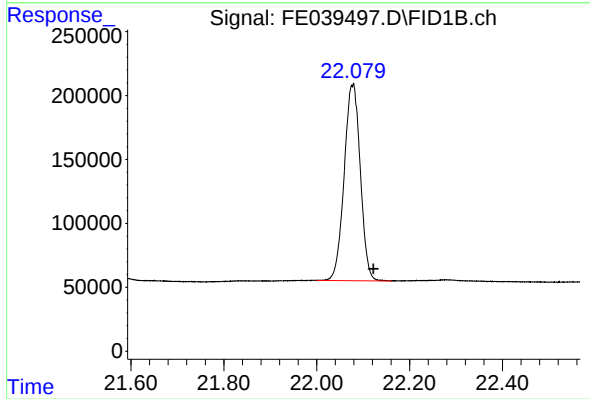
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 3754960
Conc: 30.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: -0.044 min
Response: 3706855
Conc: 29.52 ug/ml