

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045517.D
 Signal(s) : FID1B.ch
 Acq On : 23 Nov 2023 01:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e
 Quant Time: Nov 23 02:12:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.868	3358292	17.589 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	13.311	2407047	17.475 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
Target Compounds			
1) T n-Nonane (C9)	3.256	2996753	18.140 ug/ml
2) T n-Decane (C10)	4.507	3010950	17.957 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3167602	17.746 ug/ml
4) T n-Dodecane (C12)	6.673	3007201	17.806 ug/ml
5) T A~2-methylnaphthalene...	7.303	3020101	17.588 ug/ml
6) T n-Tetradecane (C14)	8.501	2928913	17.574 ug/ml
7) T n-Hexadecane (C16)	10.110	2942116	17.491 ug/ml
8) T n-Octadecane (C18)	11.555	2906801	17.367 ug/ml
10) T n-Eicosane (C20)	12.867	2752463	17.376 ug/ml
11) T n-Heneicosane (C21)	13.479	2680196	17.431 ug/ml
13) T n-Docosane (C22)	14.067	2627412	17.341 ug/ml
14) T n-Tetracosane (C24)	15.172	2593019	17.507 ug/ml
15) T n-Hexacosane (C26)	16.194	2528902	17.350 ug/ml
16) T n-Octacosane (C28)	17.146	2526112	17.287 ug/ml
17) T n-Tricontane (C30)	18.035	2576160	16.960 ug/mlm
18) T n-Dotriacontane (C32)	18.869	2637713	16.884 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2648267	16.961 ug/ml
20) T n-Hexatriacontane (C36)	20.397	2747890	16.929 ug/ml
21) T n-Octatriacontane (C38)	21.133	2941644	17.706 ug/ml
22) T n-Tetracontane (C40)	22.040	2784403	16.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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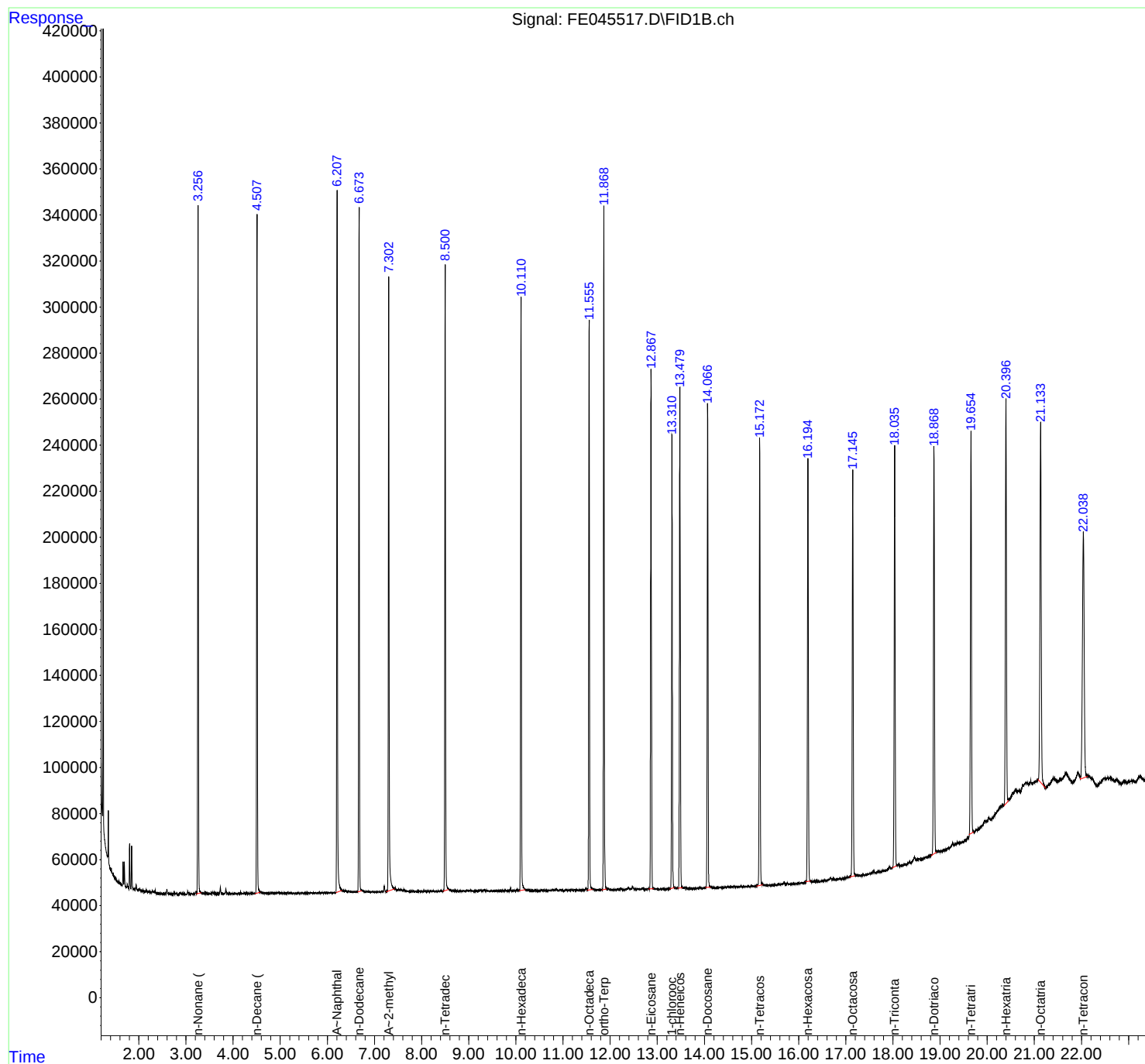
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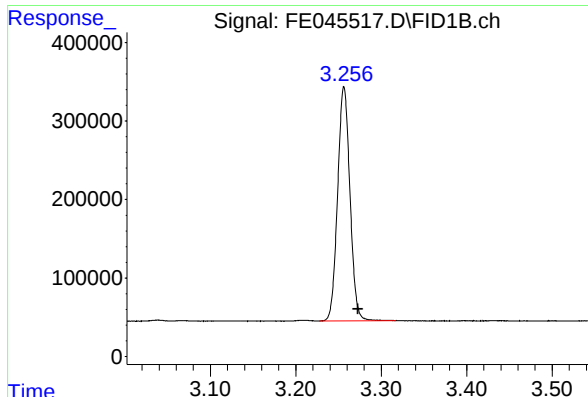
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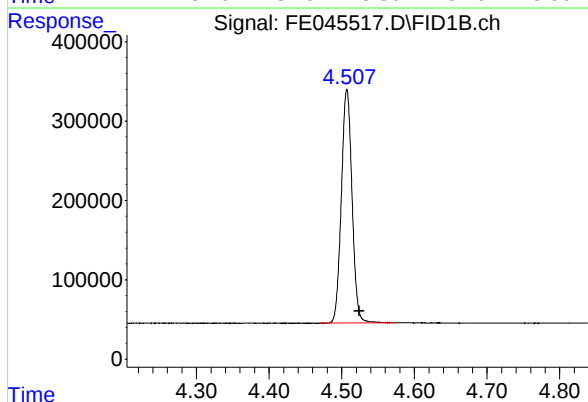
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.017 min
Response: 2996753
Conc: 18.14 ug/ml

Instrument :
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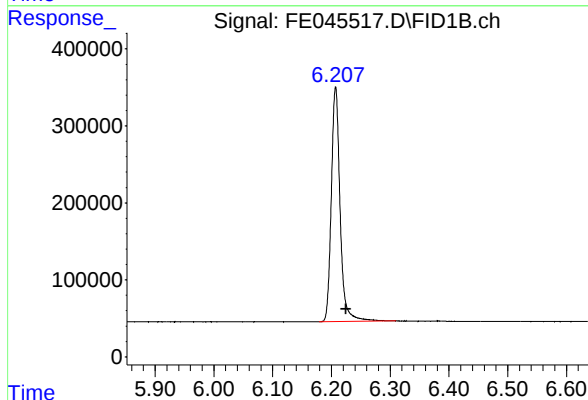
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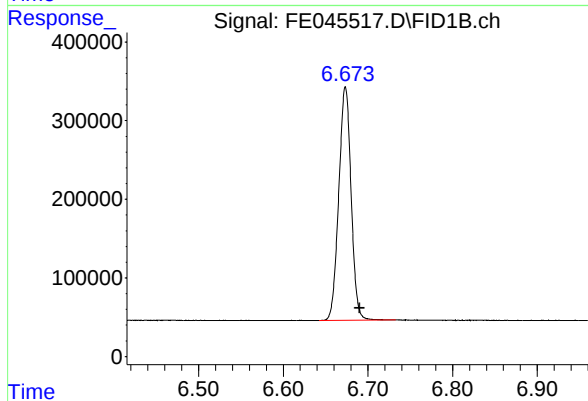
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.017 min
Response: 3010950
Conc: 17.96 ug/ml



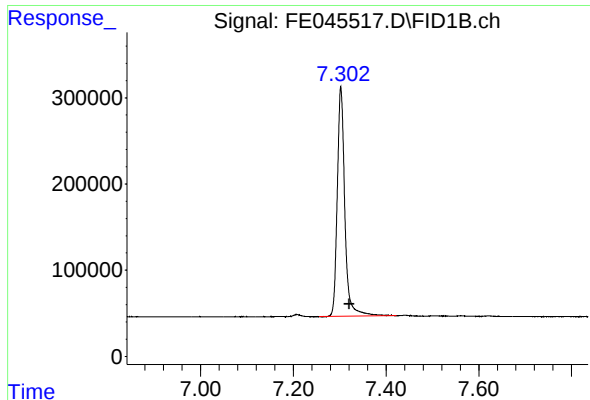
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.017 min
Response: 3167602
Conc: 17.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 3007201
Conc: 17.81 ug/ml



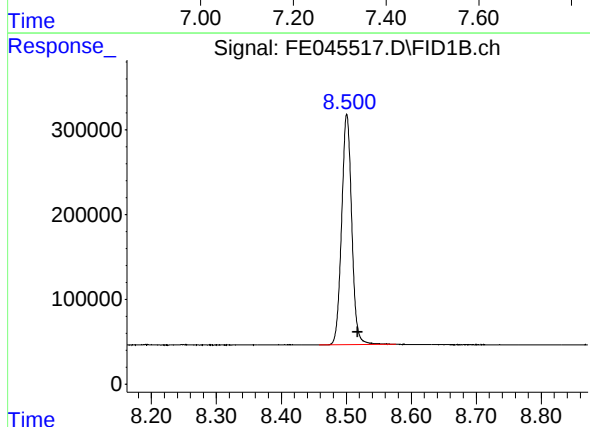
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.303 min
Delta R.T.: -0.018 min
Response: 3020101
Conc: 17.59 ug/ml

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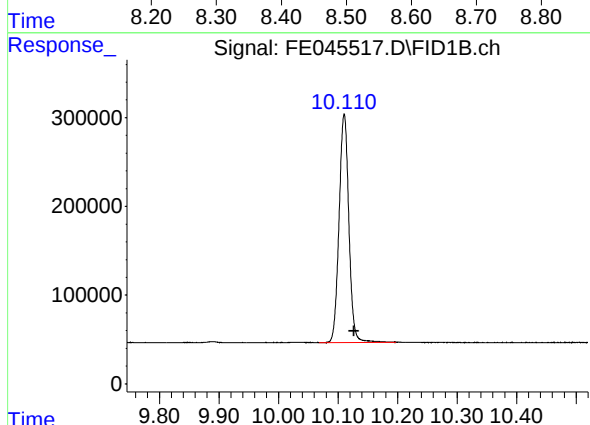
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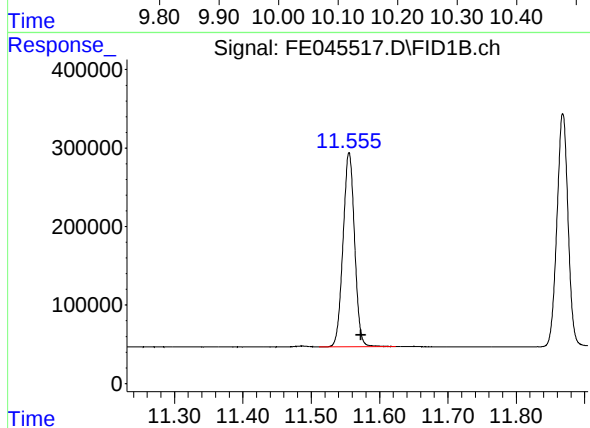
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.017 min
Response: 2928913
Conc: 17.57 ug/ml



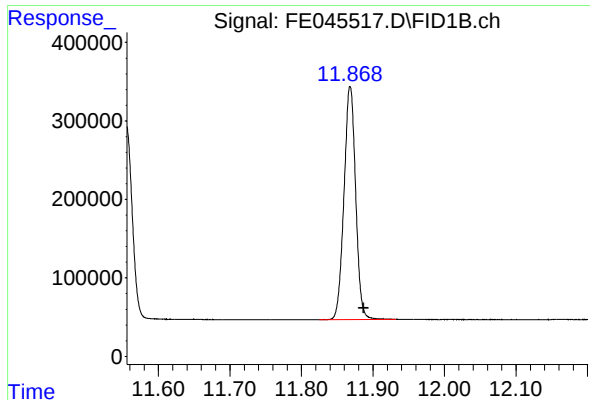
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.016 min
Response: 2942116
Conc: 17.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.017 min
Response: 2906801
Conc: 17.37 ug/ml



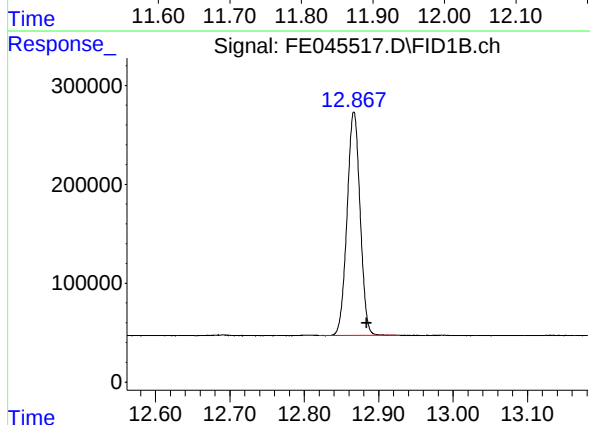
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 3358292
Conc: 17.59 ug/ml

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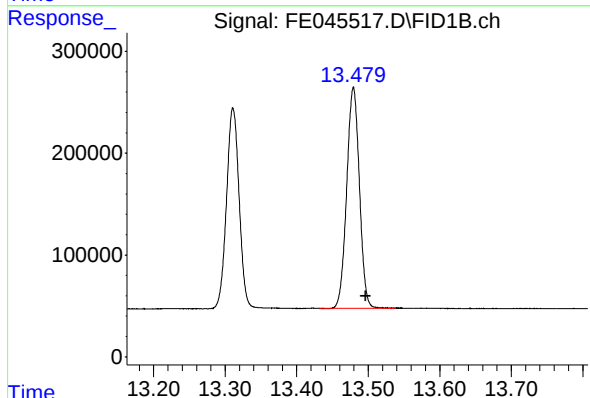
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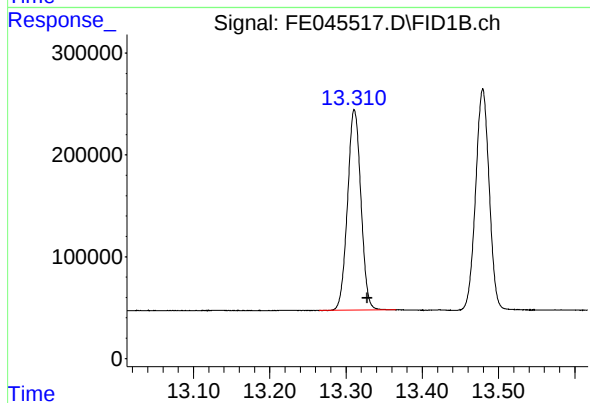
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.017 min
Response: 2752463
Conc: 17.38 ug/ml



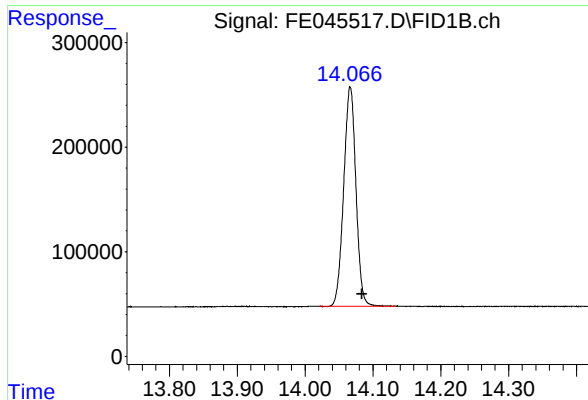
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.017 min
Response: 2680196
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: -0.017 min
Response: 2407047
Conc: 17.48 ug/ml



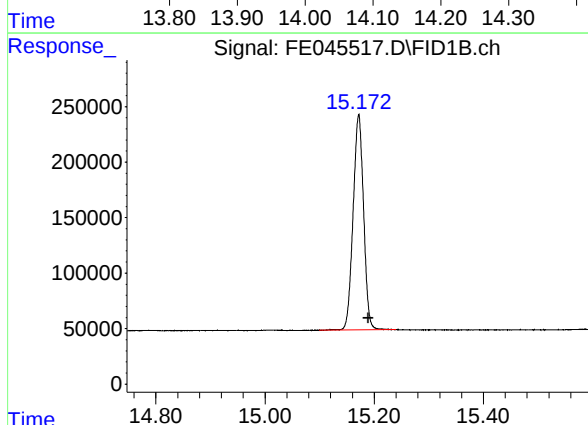
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 2627412
Conc: 17.34 ug/ml

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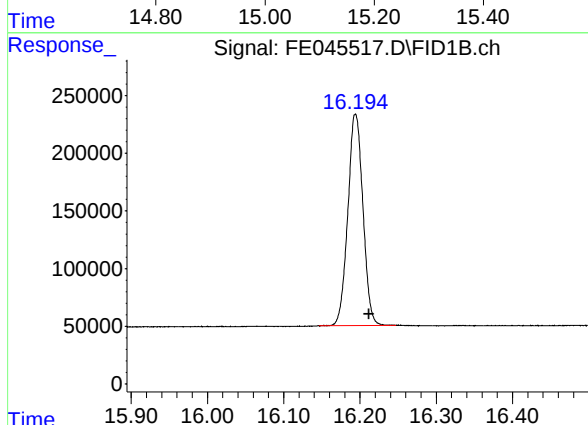
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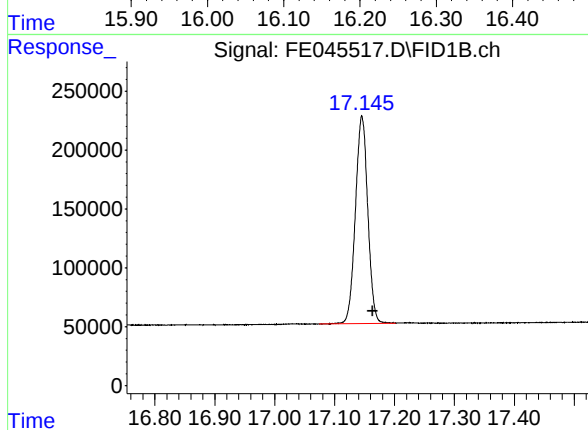
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.018 min
Response: 2593019
Conc: 17.51 ug/ml



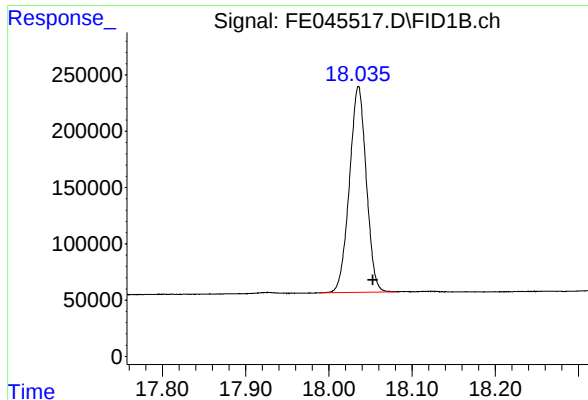
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.018 min
Response: 2528902
Conc: 17.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 2526112
Conc: 17.29 ug/ml



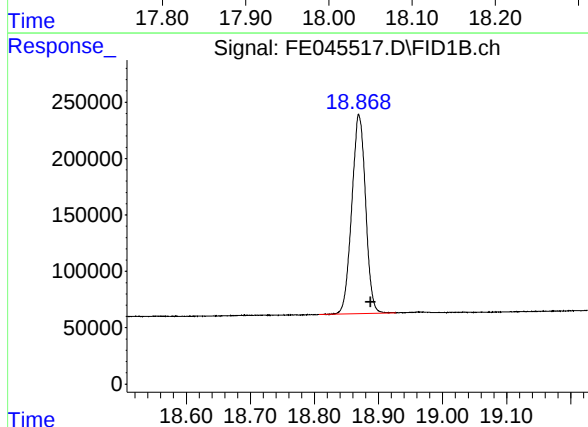
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: -0.018 min
Response: 2576160
Conc: 16.96 ug/ml

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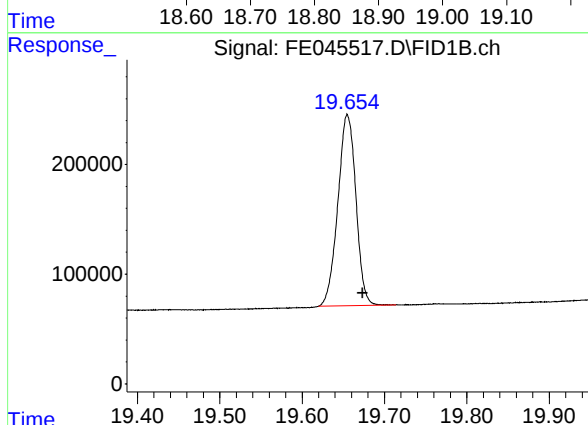
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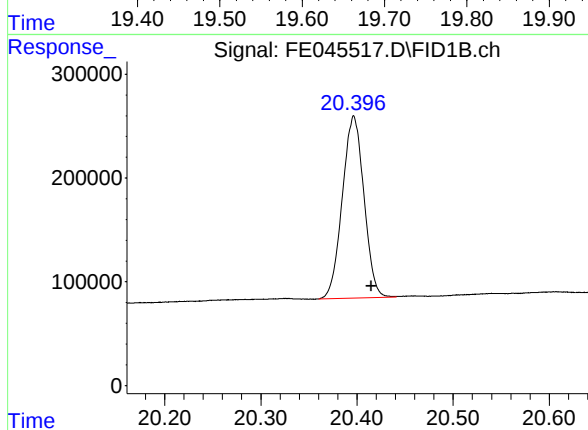
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.018 min
Response: 2637713
Conc: 16.88 ug/ml



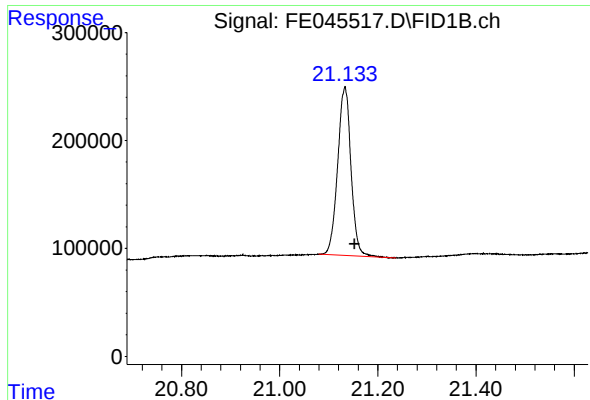
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.018 min
Response: 2648267
Conc: 16.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.018 min
Response: 2747890
Conc: 16.93 ug/ml



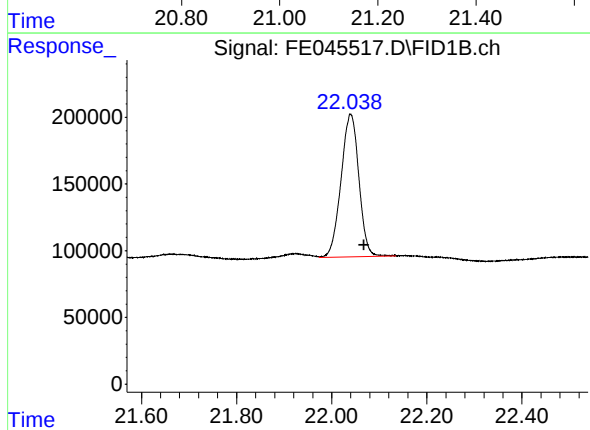
#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.019 min
Response: 2941644
Conc: 17.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.028 min
Response: 2784403
Conc: 16.30 ug/ml