

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045579.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 17:50
 Operator : YP\AJ
 Sample : 05562-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-112823-EPH2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:29 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)	11.866	6679021	34.982 ug/ml
Spiked Amount 50.000		Recovery =	69.96%
12) S 1-chlorooctadecane (S...	13.308	9801716	71.162 ug/ml
Spiked Amount 50.000		Recovery =	142.32%
Target Compounds			
1) T n-Nonane (C9)	3.257	5452522	33.006 ug/ml
2) T n-Decane (C10)	4.507	6234336	37.180 ug/mlm
3) T A~Naphthalene (C11.7)	6.204	7297343	40.882 ug/ml
4) T n-Dodecane (C12)	6.672	6931969	41.045 ug/ml
5) T A~2-methylnaphthalene...	7.300	7351474	42.811 ug/ml
6) T n-Tetradecane (C14)	8.500	7667085	46.003 ug/ml
7) T n-Hexadecane (C16)	10.109	8331770	49.534 ug/ml
8) T n-Octadecane (C18)	11.555	8671083	51.808 ug/ml
10) T n-Eicosane (C20)	12.866	8567516	54.085 ug/ml
11) T n-Heneicosane (C21)	13.479	8228240	53.514 ug/ml
13) T n-Docosane (C22)	14.065	8063896	53.222 ug/ml
14) T n-Tetracosane (C24)	15.153	16052430	108.381 ug/mlm
15) T n-Hexacosane (C26)	16.197	7704153	52.857 ug/ml
16) T n-Octacosane (C28)	17.146	7817617	53.498 ug/ml
17) T n-Tricontane (C30)	18.038	7869127	51.805 ug/ml
18) T n-Dotriacontane (C32)	18.871	8136212	52.081 ug/ml
19) T n-Tetratriacontane (C34)	19.655	7847113	50.258 ug/mlm
20) T n-Hexatriacontane (C36)	20.398	7731684	47.633 ug/ml
21) T n-Octatriacontane (C38)	21.135	7927558	47.715 ug/ml
22) T n-Tetracontane (C40)	22.044	7741783	45.325 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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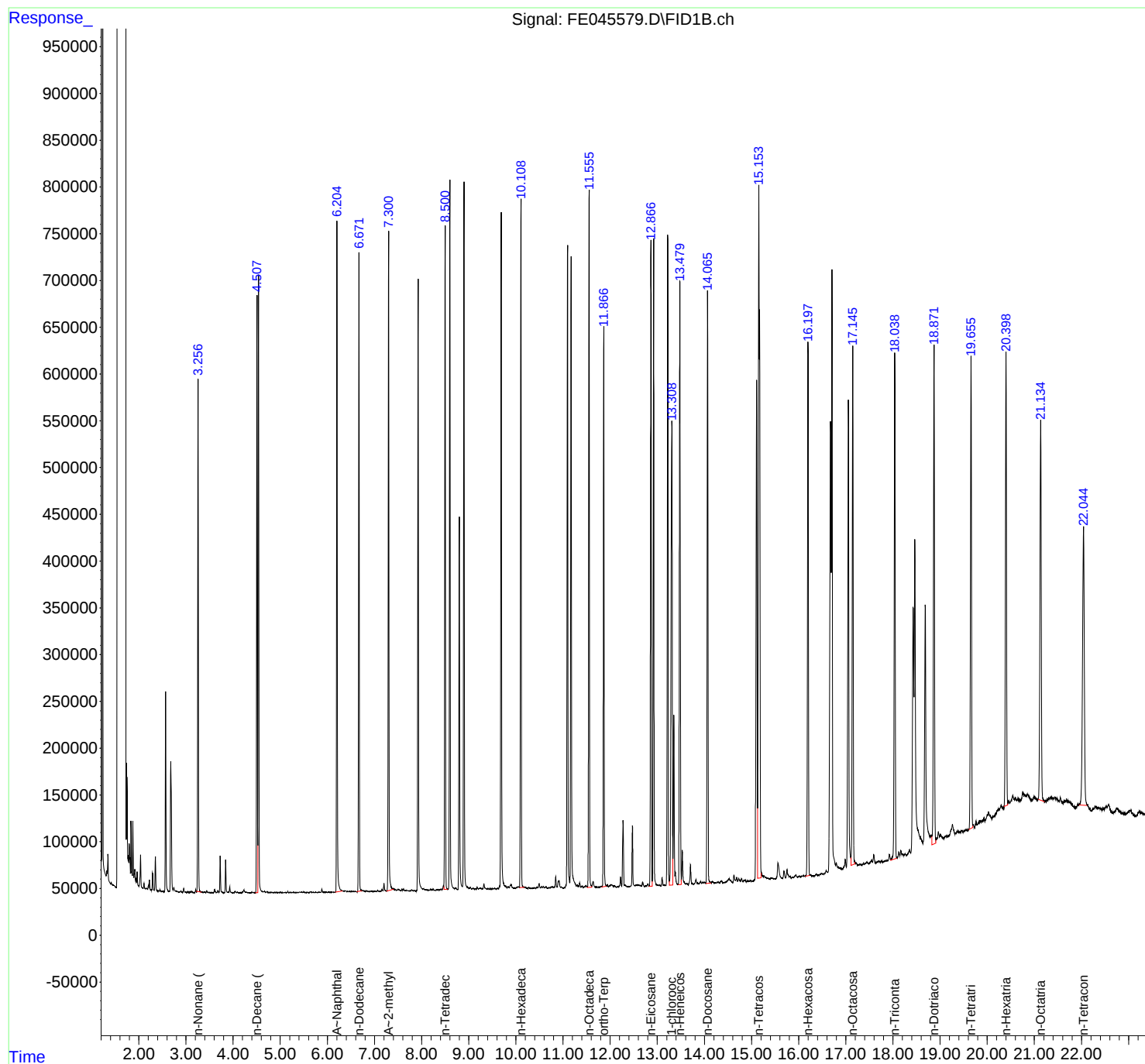
Instrument :
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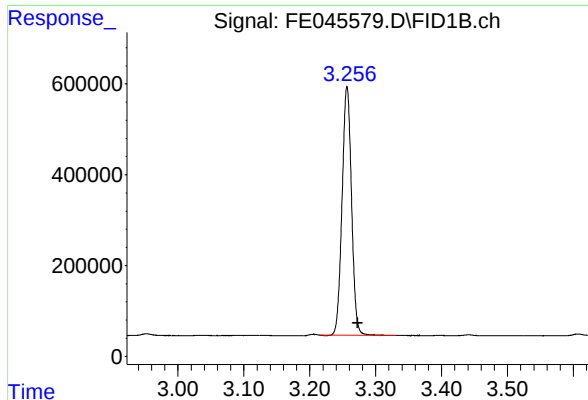
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#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.016 min
Response: 5452522
Conc: 33.01 ug/ml

Instrument :

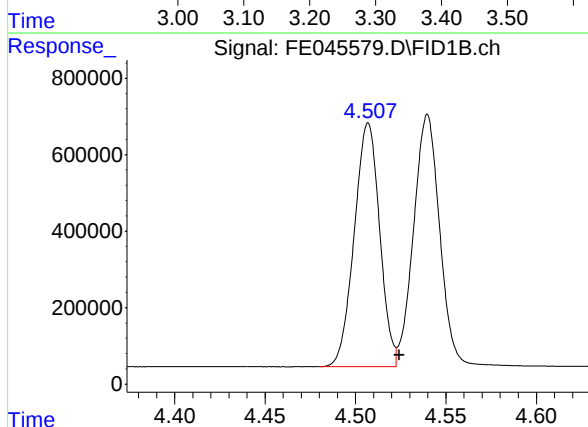
FID_E

ClientSampleId :

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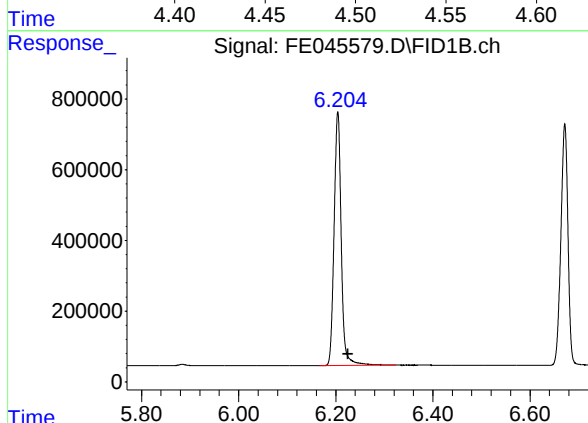
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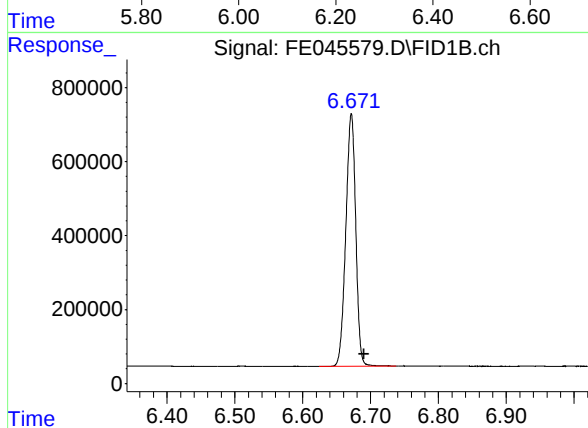
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.018 min
Response: 6234336
Conc: 37.18 ug/ml m



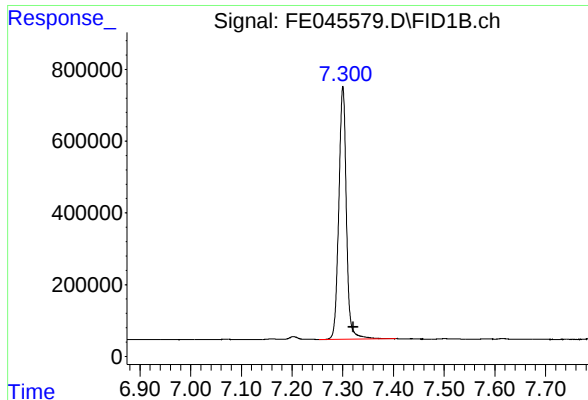
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.020 min
Response: 7297343
Conc: 40.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.672 min
Delta R.T.: -0.019 min
Response: 6931969
Conc: 41.05 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.020 min
Response: 7351474
Conc: 42.81 ug/ml

Instrument :

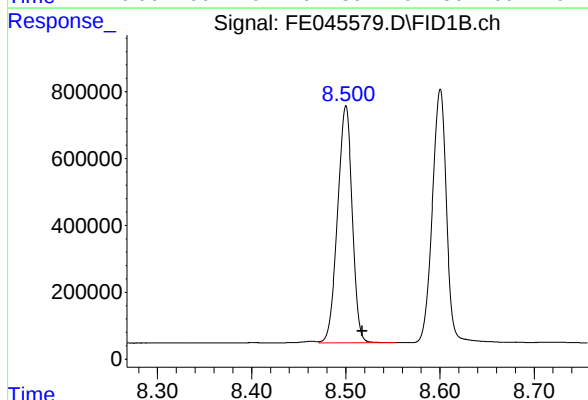
FID_E

ClientSampleId :

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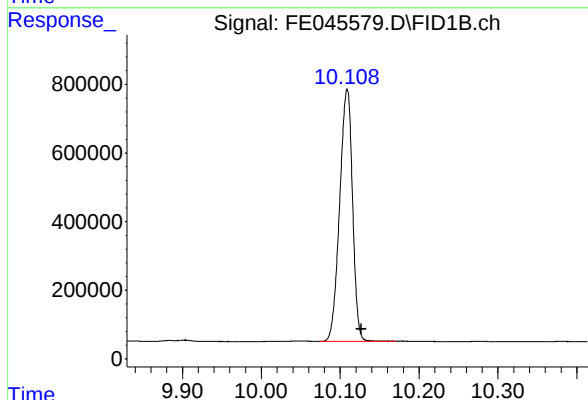
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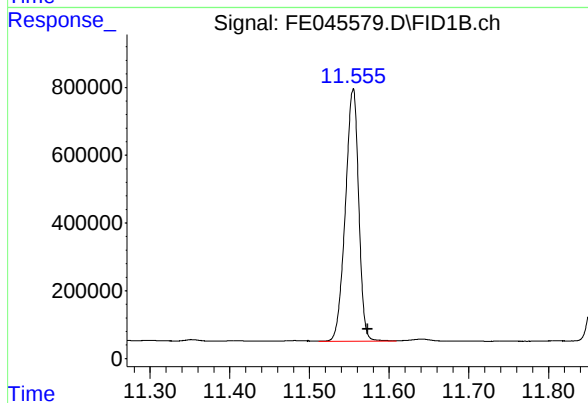
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 7667085
Conc: 46.00 ug/ml



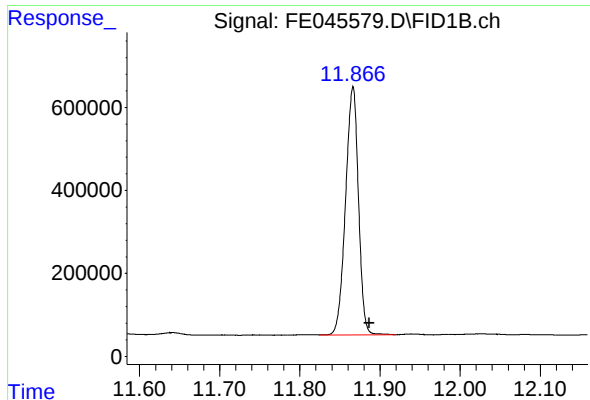
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.018 min
Response: 8331770
Conc: 49.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.018 min
Response: 8671083
Conc: 51.81 ug/ml



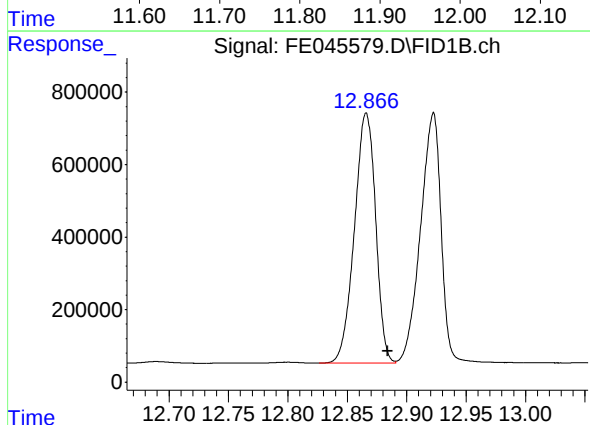
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.020 min
Response: 6679021
Conc: 34.98 ug/ml

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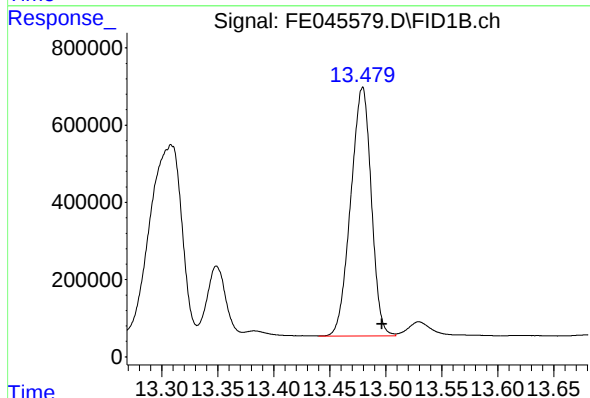
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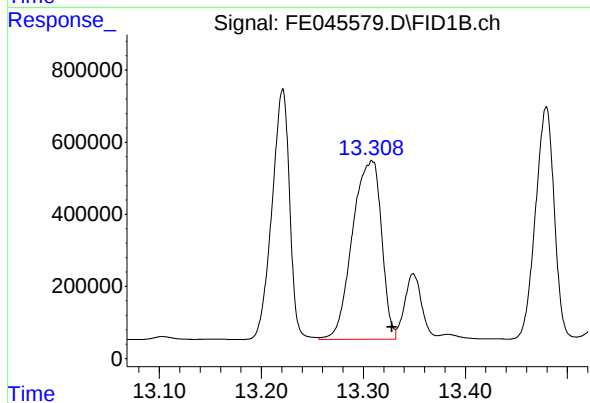
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.018 min
Response: 8567516
Conc: 54.08 ug/ml



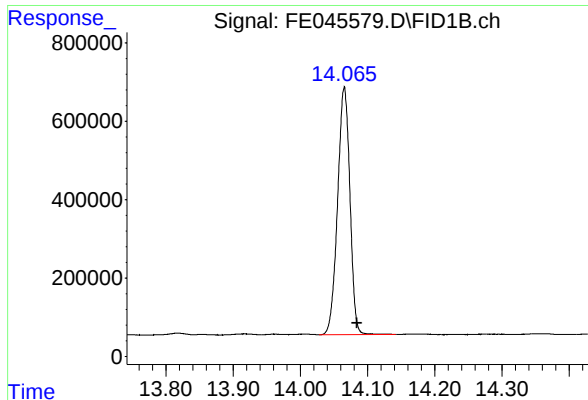
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.017 min
Response: 8228240
Conc: 53.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.020 min
Response: 9801716
Conc: 71.16 ug/ml



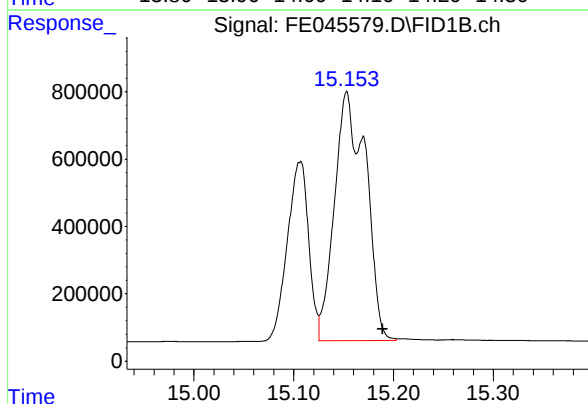
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.019 min
Response: 8063896
Conc: 53.22 ug/ml

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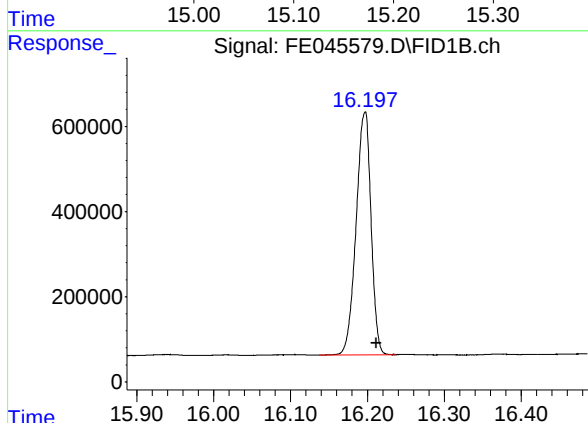
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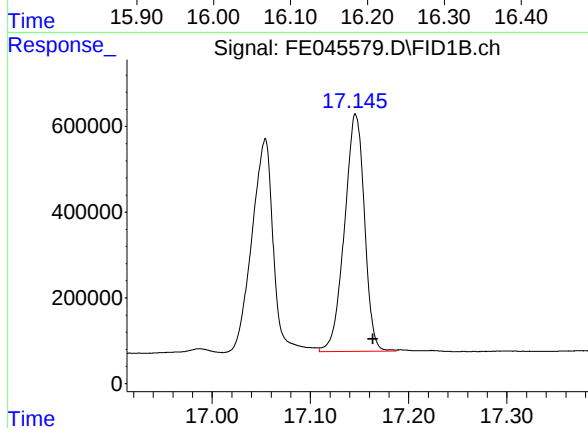
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.036 min
Response: 16052430
Conc: 108.38 ug/ml



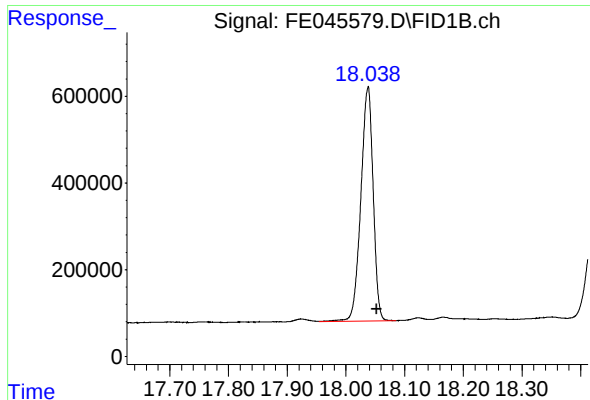
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.015 min
Response: 7704153
Conc: 52.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 7817617
Conc: 53.50 ug/ml



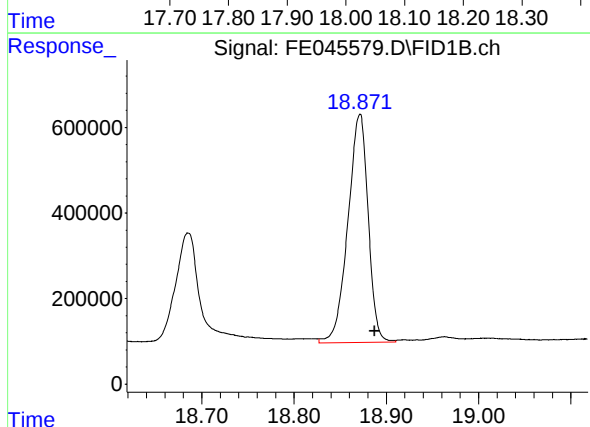
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.015 min
Response: 7869127
Conc: 51.81 ug/ml

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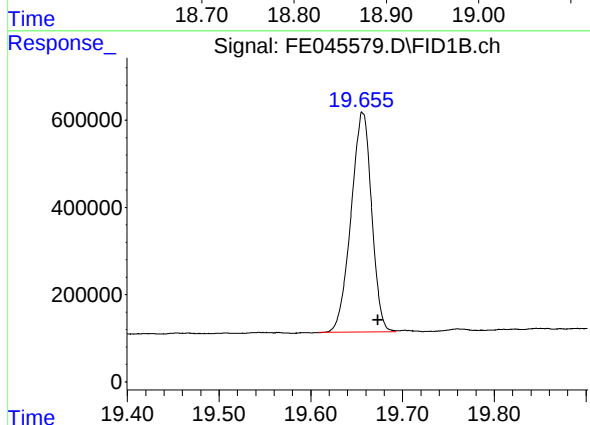
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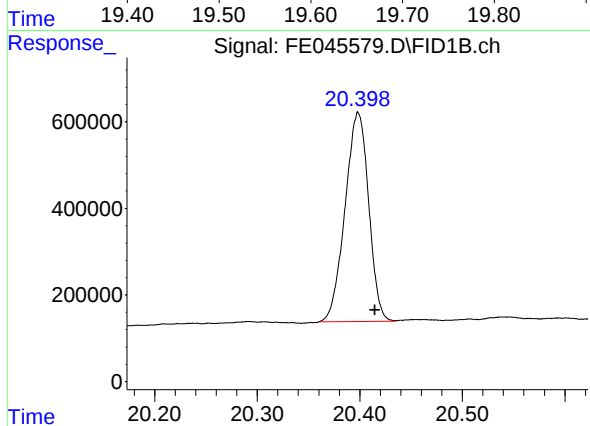
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.016 min
Response: 8136212
Conc: 52.08 ug/ml



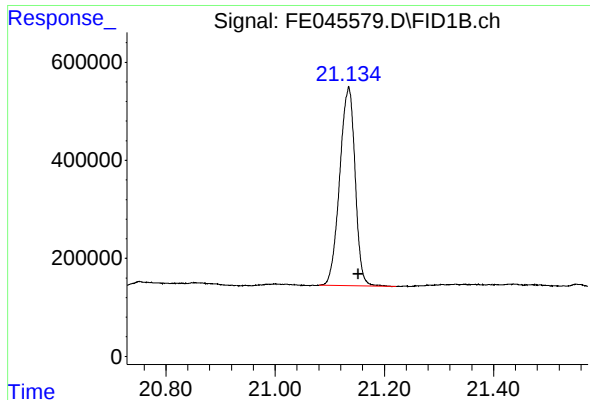
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.018 min
Response: 7847113
Conc: 50.26 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.016 min
Response: 7731684
Conc: 47.63 ug/ml



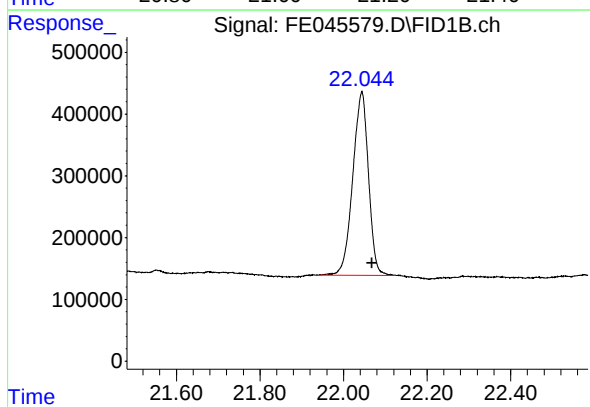
#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.018 min
Response: 7927558
Conc: 47.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.024 min
Response: 7741783
Conc: 45.32 ug/ml m