

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045580.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 18:20
 Operator : YP\AJ
 Sample : 05562-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-112823-EPH2MSD

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 23:48:39 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	6703103	35.108 ug/ml
Spiked Amount 50.000		Recovery =	70.22%
12) S 1-chlorooctadecane (S...	13.308	9797977	71.134 ug/ml
Spiked Amount 50.000		Recovery =	142.27%
Target Compounds			
1) T n-Nonane (C9)	3.257	5462637	33.067 ug/ml
2) T n-Decane (C10)	4.507	6263239	37.352 ug/mlm
3) T A~Naphthalene (C11.7)	6.204	7364227	41.256 ug/ml
4) T n-Dodecane (C12)	6.672	6967530	41.256 ug/ml
5) T A~2-methylnaphthalene...	7.300	7462146	43.456 ug/ml
6) T n-Tetradecane (C14)	8.500	7708887	46.254 ug/ml
7) T n-Hexadecane (C16)	10.109	8371778	49.772 ug/ml
8) T n-Octadecane (C18)	11.554	8675607	51.835 ug/ml
10) T n-Eicosane (C20)	12.866	8577429	54.147 ug/ml
11) T n-Heneicosane (C21)	13.479	8226594	53.504 ug/ml
13) T n-Docosane (C22)	14.066	8066682	53.240 ug/ml
14) T n-Tetracosane (C24)	15.152	16131465	108.915 ug/mlm
15) T n-Hexacosane (C26)	16.196	7733353	53.057 ug/ml
16) T n-Octacosane (C28)	17.146	7840251	53.653 ug/ml
17) T n-Tricontane (C30)	18.039	7882848	51.896 ug/ml
18) T n-Dotriacontane (C32)	18.871	8263069	52.893 ug/ml
19) T n-Tetratriacontane (C34)	19.655	8071154	51.693 ug/mlm
20) T n-Hexatriacontane (C36)	20.397	7976310	49.140 ug/ml
21) T n-Octatriacontane (C38)	21.133	8287924	49.884 ug/ml
22) T n-Tetracontane (C40)	22.041	8050888	47.134 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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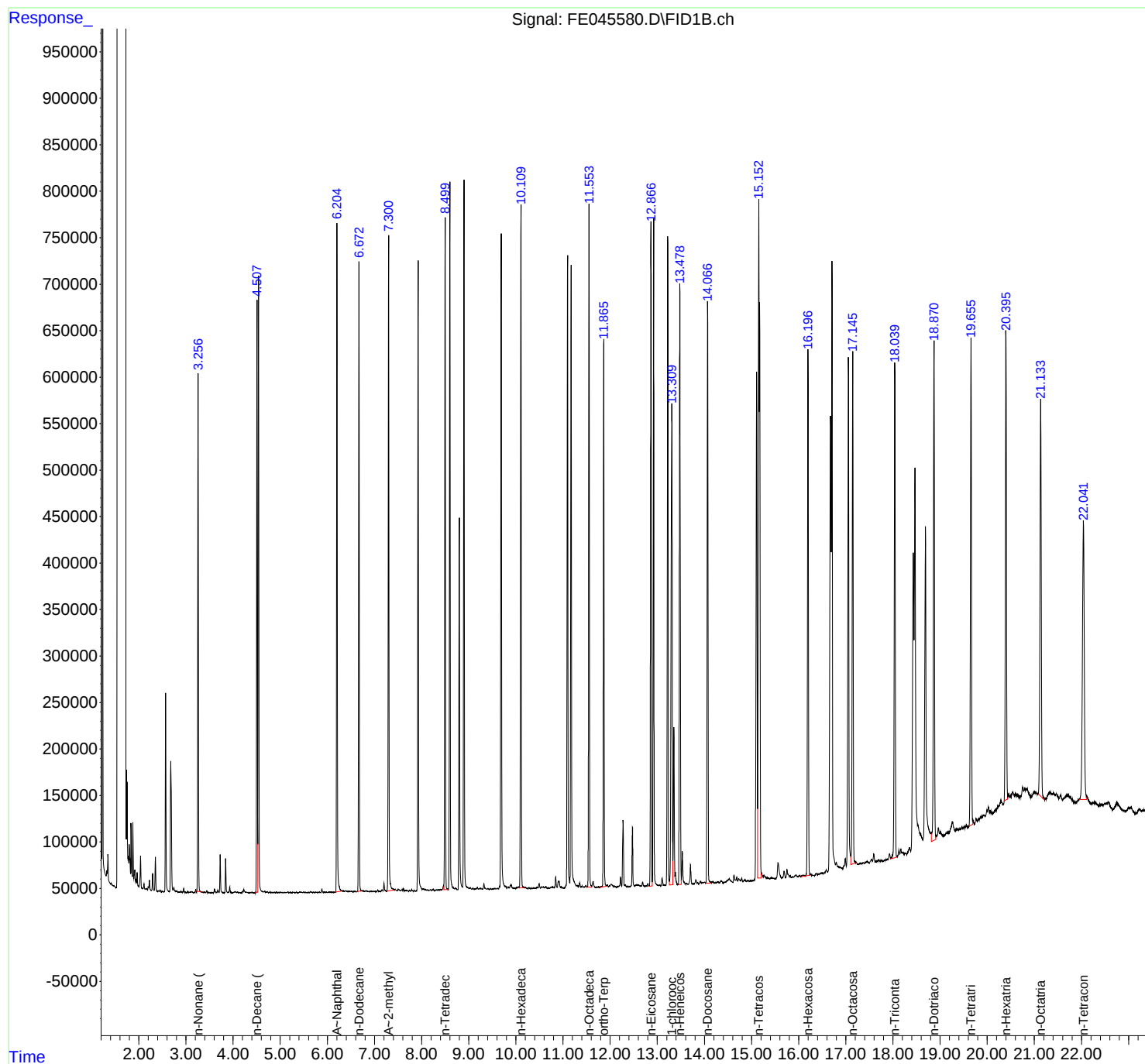
Instrument :
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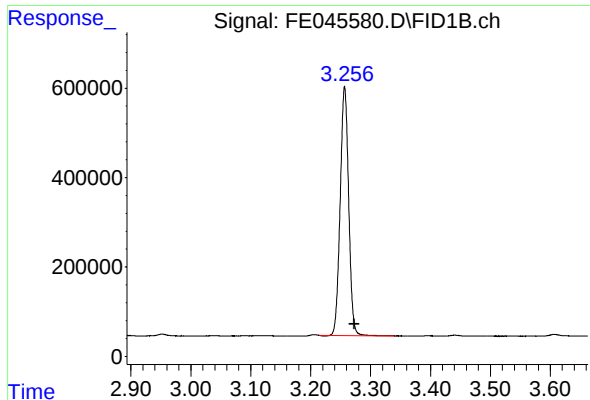
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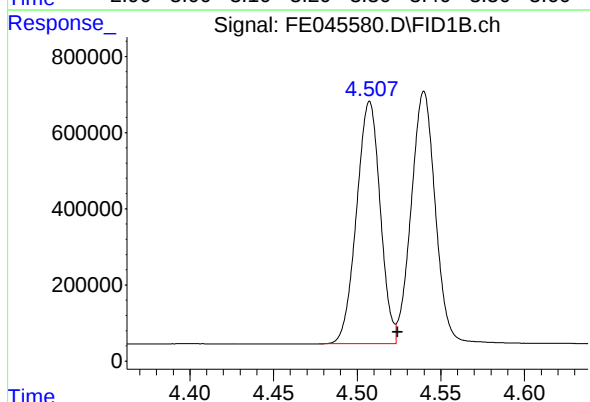
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.016 min
Response: 5462637
Conc: 33.07 ug/ml

Instrument :
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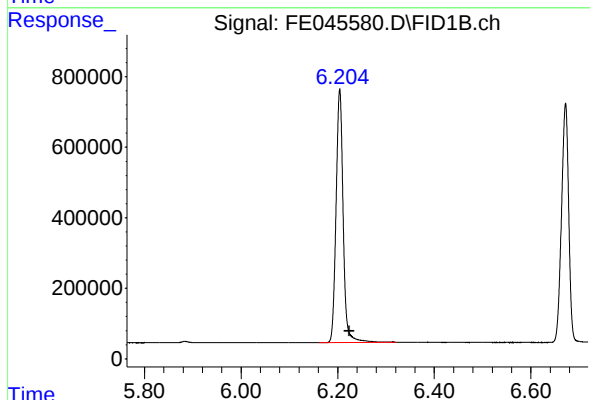
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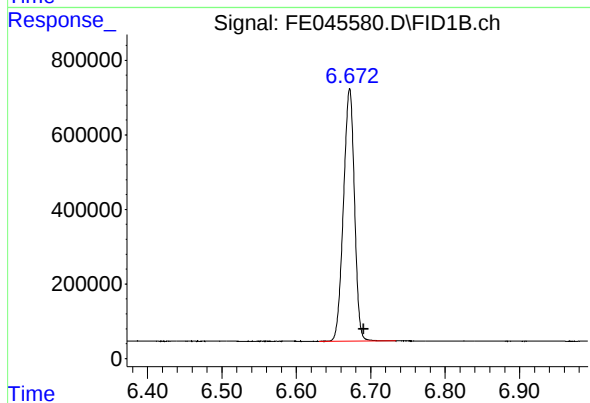
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.017 min
Response: 6263239
Conc: 37.35 ug/ml m



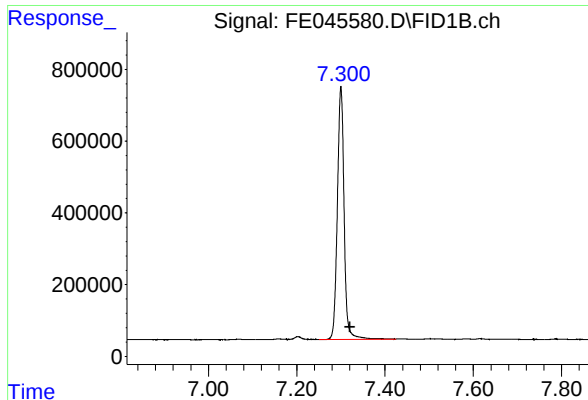
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.020 min
Response: 7364227
Conc: 41.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.672 min
Delta R.T.: -0.019 min
Response: 6967530
Conc: 41.26 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.020 min
Response: 7462146
Conc: 43.46 ug/ml

Instrument :

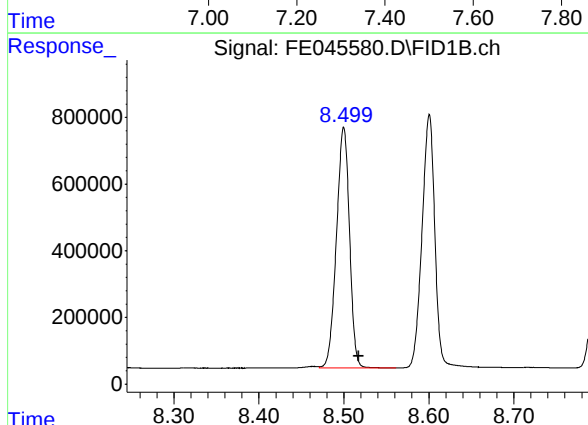
FID_E

ClientSampleId :

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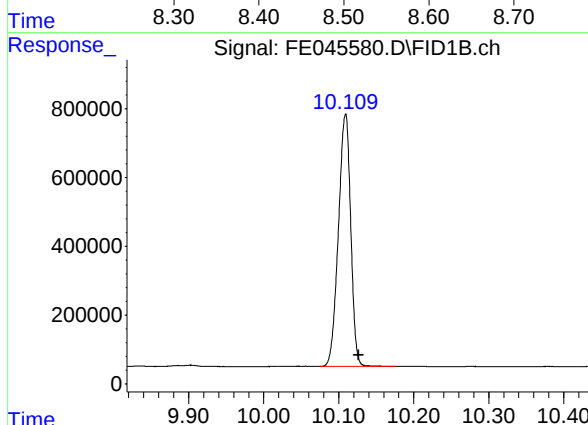
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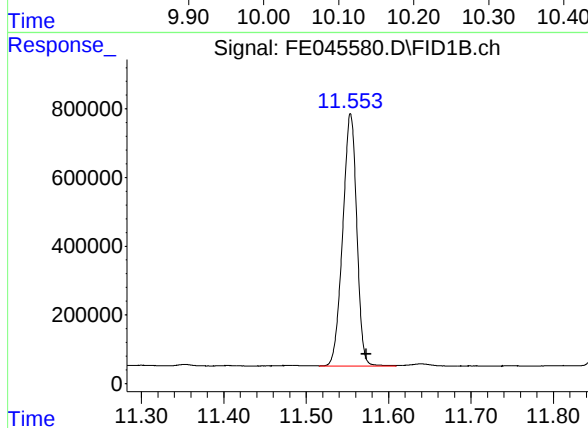
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.018 min
Response: 7708887
Conc: 46.25 ug/ml



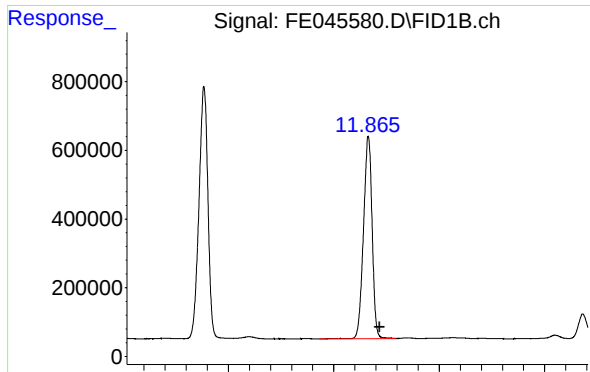
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.018 min
Response: 8371778
Conc: 49.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: -0.019 min
Response: 8675607
Conc: 51.83 ug/ml



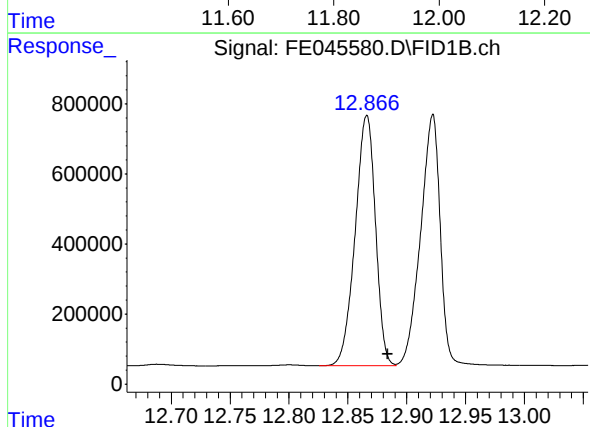
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.021 min
Response: 6703103
Conc: 35.11 ug/ml

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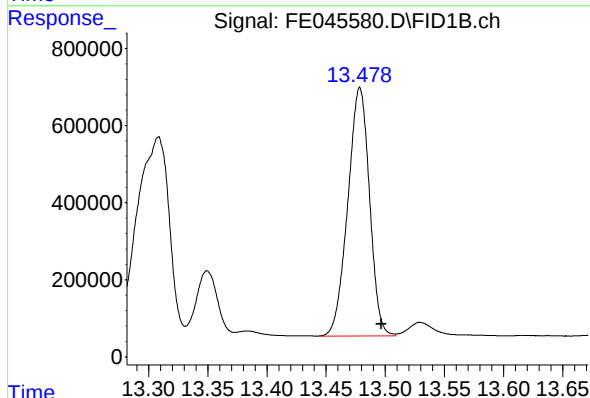
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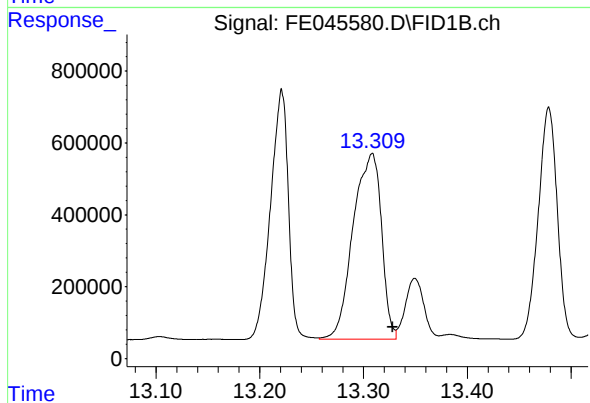
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.018 min
Response: 8577429
Conc: 54.15 ug/ml



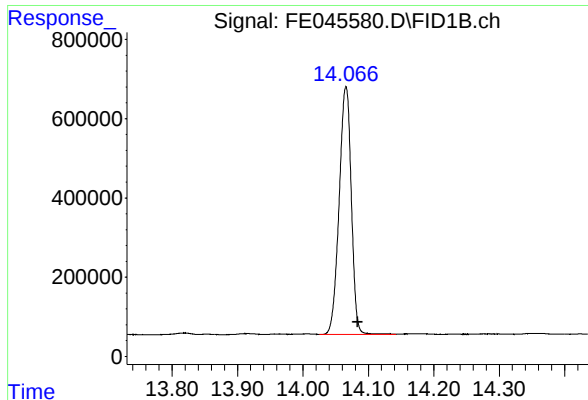
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.018 min
Response: 8226594
Conc: 53.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.020 min
Response: 9797977
Conc: 71.13 ug/ml



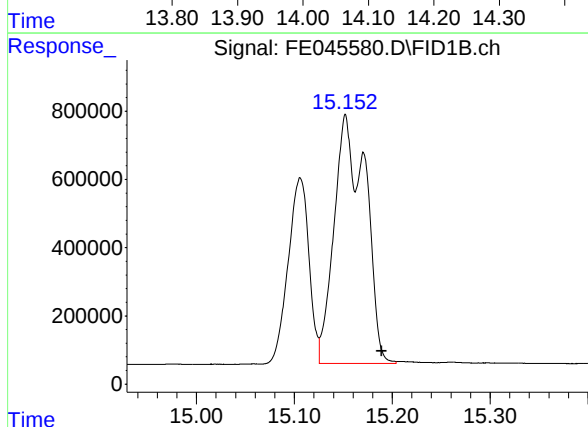
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.018 min
Response: 8066682
Conc: 53.24 ug/ml

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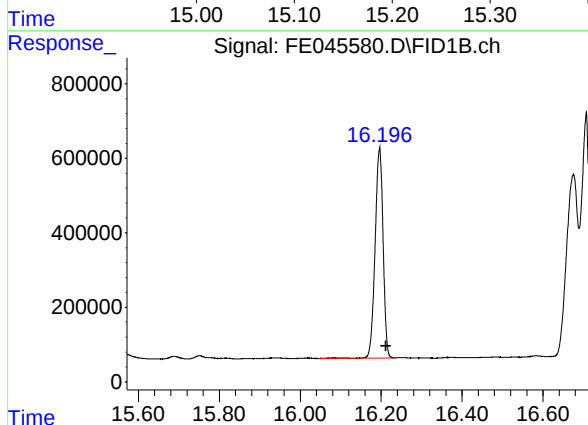
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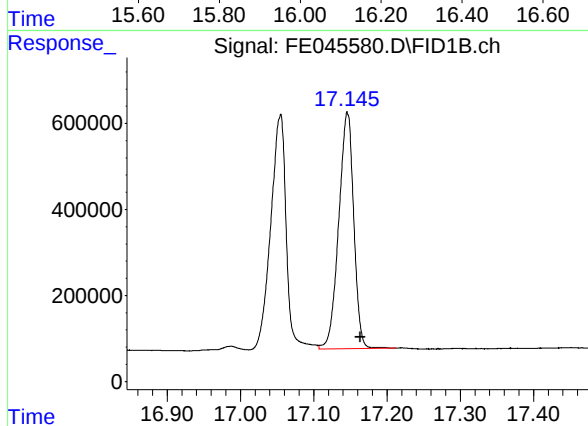
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.037 min
Response: 16131465
Conc: 108.91 ug/ml m



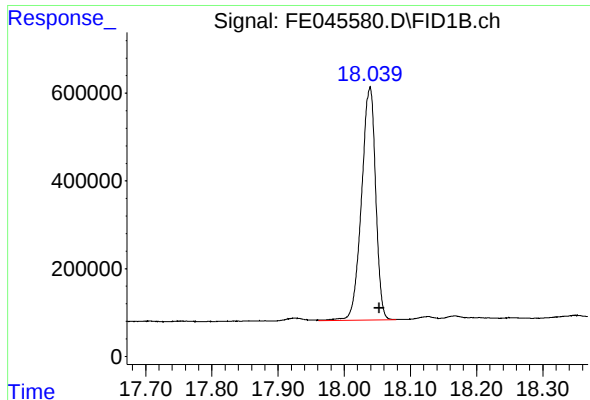
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.016 min
Response: 7733353
Conc: 53.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 7840251
Conc: 53.65 ug/ml



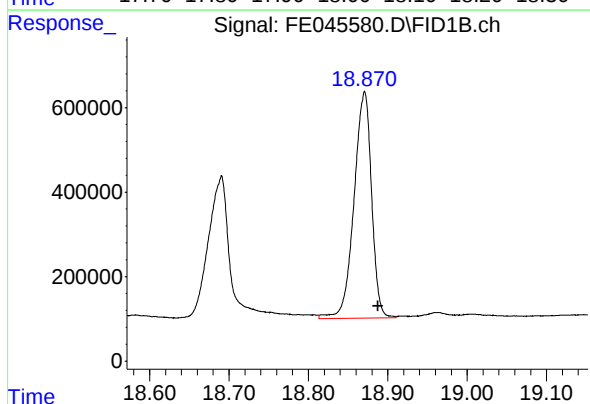
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: -0.014 min
Response: 7882848
Conc: 51.90 ug/ml

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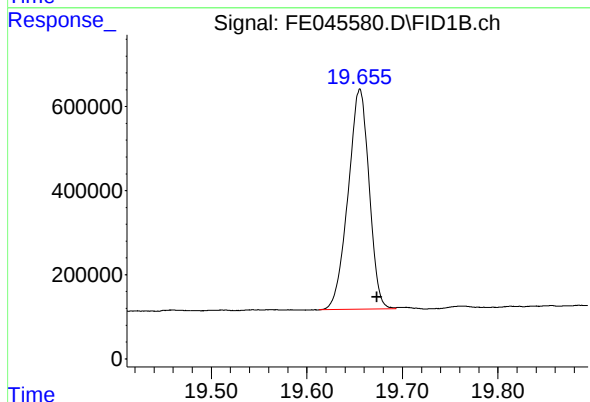
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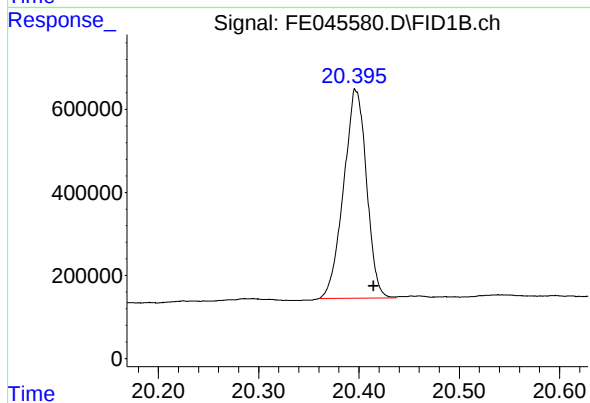
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 8263069
Conc: 52.89 ug/ml



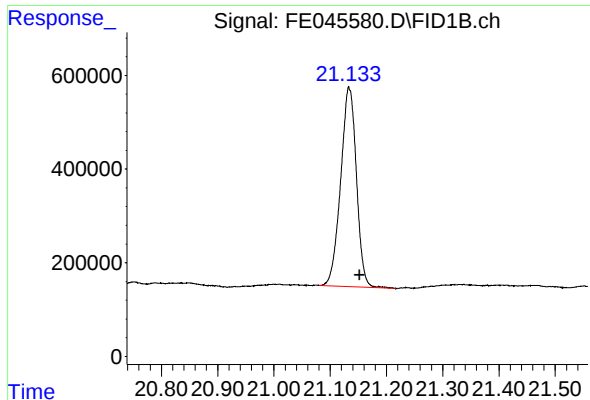
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.018 min
Response: 8071154
Conc: 51.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.018 min
Response: 7976310
Conc: 49.14 ug/ml



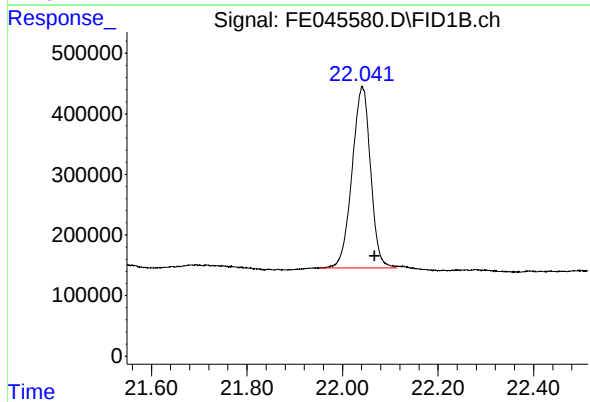
#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.019 min
Response: 8287924
Conc: 49.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.027 min
Response: 8050888
Conc: 47.13 ug/ml m