

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
 Data File : FE043510.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2023 20:05
 Operator : YP\AJ
 Sample : 03737-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :Ankita Jodhani 07/26/2023

Integration File: autoint1.e
 Quant Time: Jul 26 02:10:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.884	4380579	24.463 ug/ml
Spiked Amount 50.000		Recovery =	48.93%
12) S 1-chlorooctadecane (S...	13.321	3281324	24.973 ug/ml
Spiked Amount 50.000		Recovery =	49.95%
Target Compounds			
1) T n-Nonane (C9)	3.286	6527159	42.750 ug/ml
2) T n-Decane (C10)	4.529	6733597	43.193 ug/ml
3) T A~Naphthalene (C11.7)	6.231	7130328	44.311 ug/ml
4) T n-Dodecane (C12)	6.690	6880341	43.664 ug/ml
5) T A~2-methylnaphthalene...	7.326	6836281	45.052 ug/ml
6) T n-Tetradecane (C14)	8.518	6887499	43.545 ug/ml
7) T n-Hexadecane (C16)	10.124	6683423	41.298 ug/ml
8) T n-Octadecane (C18)	11.567	6750095	41.407 ug/ml
10) T n-Eicosane (C20)	12.877	6740708	43.385 ug/ml
11) T n-Heneicosane (C21)	13.488	6551696	43.245 ug/mlm
13) T n-Docosane (C22)	14.074	6396498	42.800 ug/ml
14) T n-Tetracosane (C24)	15.172	12948023	88.166 ug/ml
15) T n-Hexacosane (C26)	16.200	6264000	43.980 ug/ml
16) T n-Octacosane (C28)	17.148	6215544	44.175 ug/mlm
17) T n-Tricontane (C30)	18.038	6303952	42.793 ug/ml
18) T n-Dotriacontane (C32)	18.870	6515957	43.973 ug/ml
19) T n-Tetratriacontane (C34)	19.652	6141905	42.557 ug/ml
20) T n-Hexatriacontane (C36)	20.391	5868000	39.924 ug/ml
21) T n-Octatriacontane (C38)	21.127	6074709	42.584 ug/ml
22) T n-Tetracontane (C40)	22.035	6553266	44.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 25 Jul 2023 20:05
Operator : YP\AJ
Sample : 03737-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

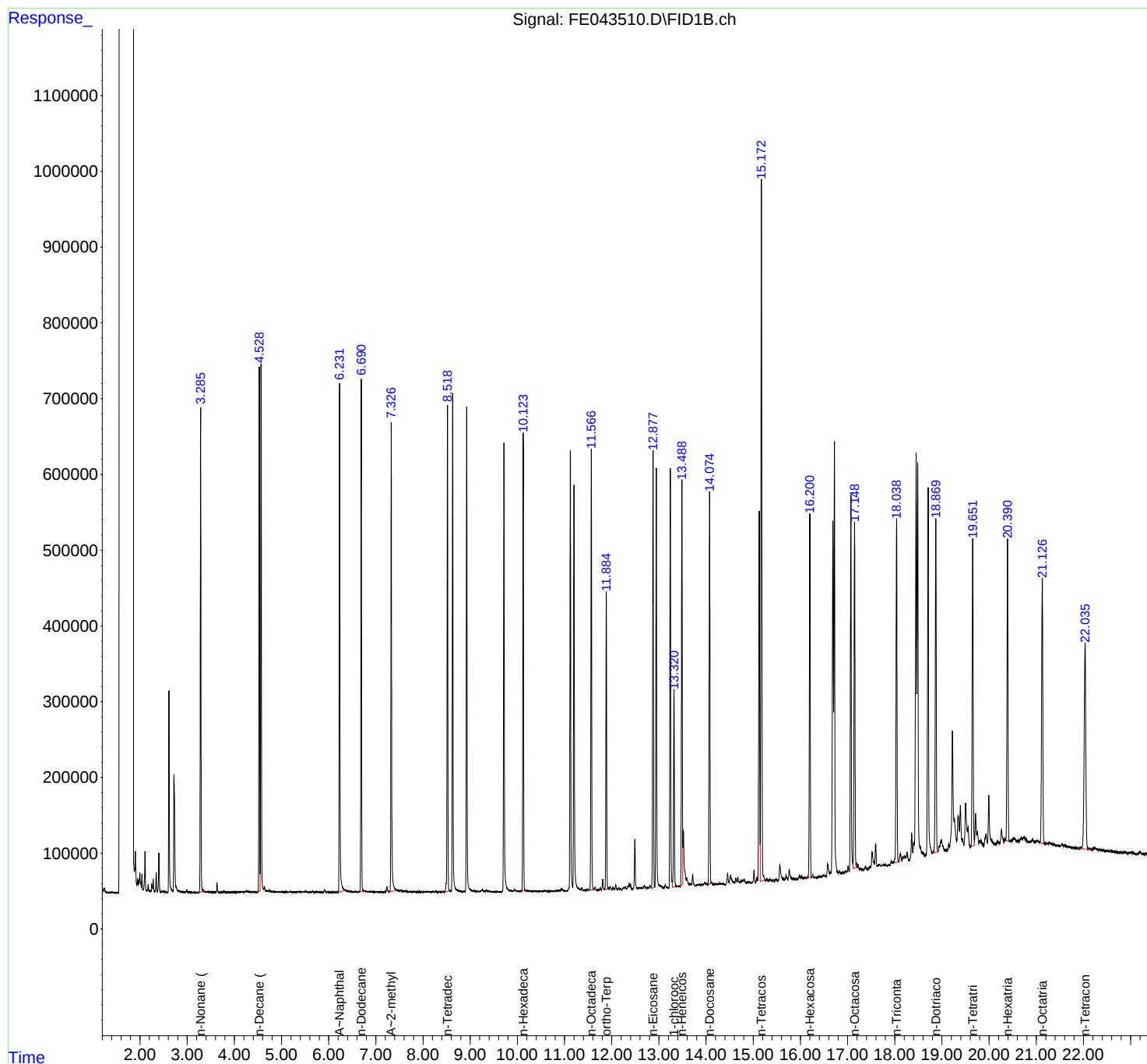
Instrument :
FID_E
ClientSampleId :
5MS

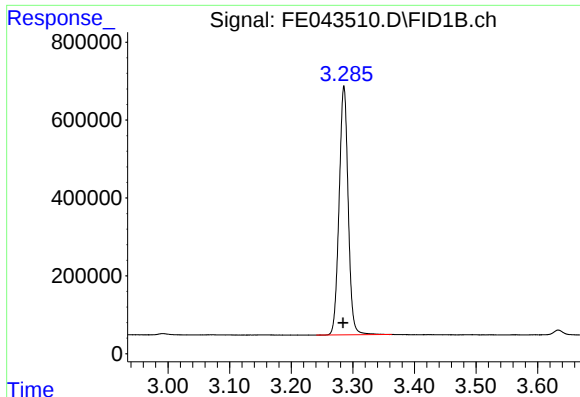
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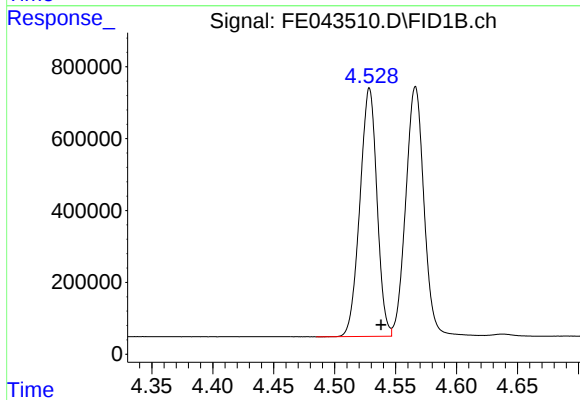
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.002 min
Response: 6527159
Conc: 42.75 ug/ml

Instrument :
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SMS

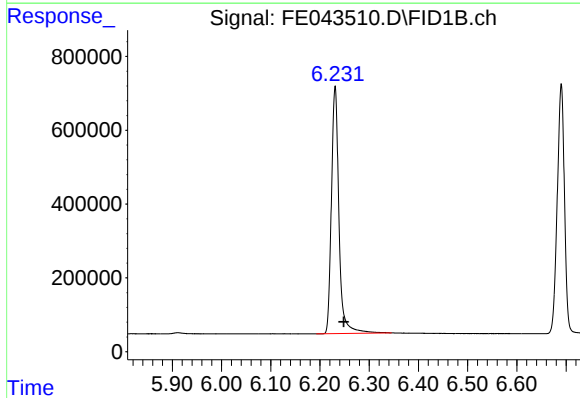
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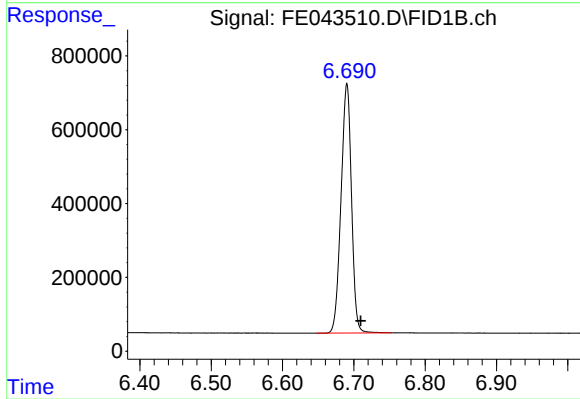
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.009 min
Response: 6733597
Conc: 43.19 ug/ml



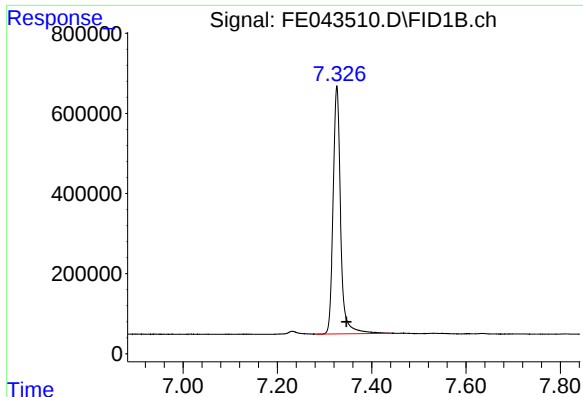
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.017 min
Response: 7130328
Conc: 44.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.019 min
Response: 6880341
Conc: 43.66 ug/ml



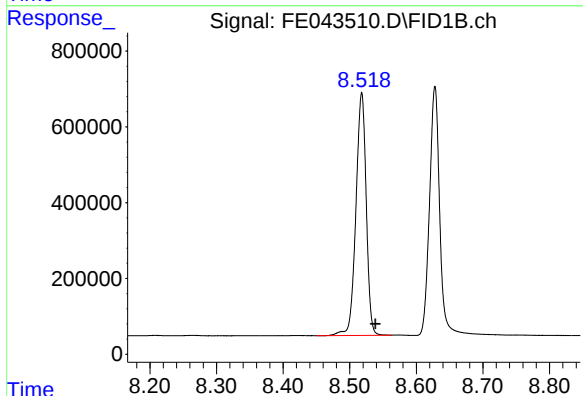
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.020 min
Response: 6836281
Conc: 45.05 ug/ml

Instrument :
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ClientSampleId :
SMS

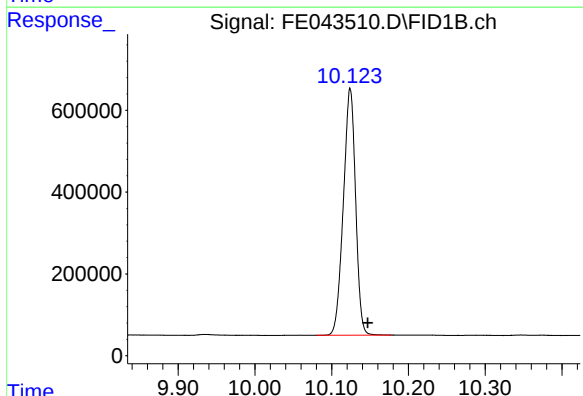
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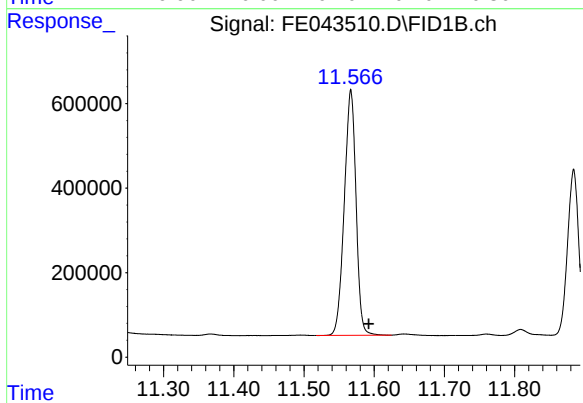
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 6887499
Conc: 43.55 ug/ml



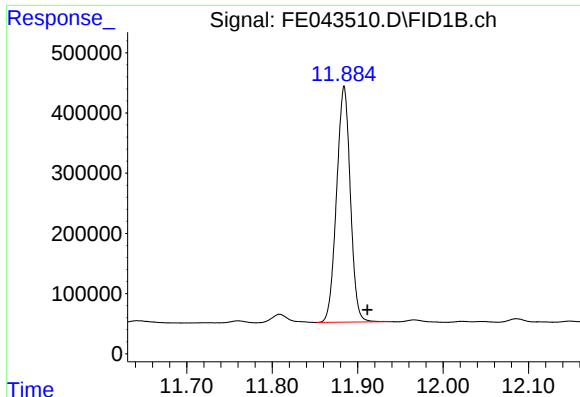
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 6683423
Conc: 41.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.025 min
Response: 6750095
Conc: 41.41 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: -0.027 min
Response: 4380579
Conc: 24.46 ug/ml

Instrument :

FID_E

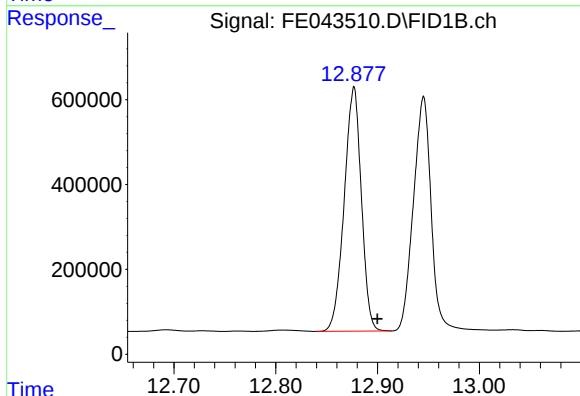
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5MS

Manual Integrations

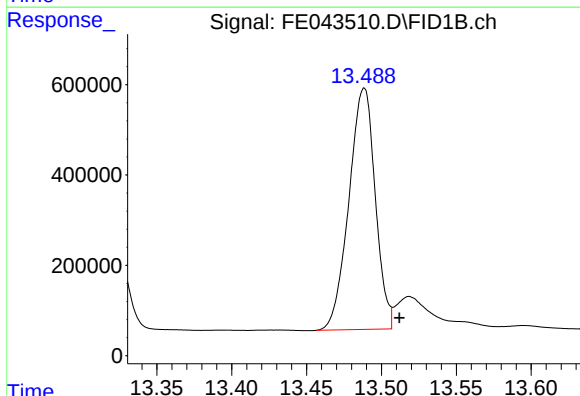
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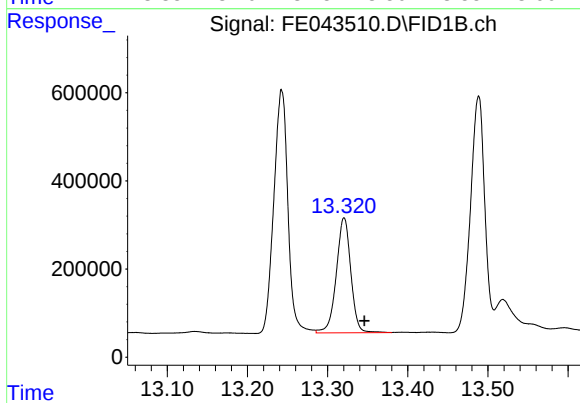
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.023 min
Response: 6740708
Conc: 43.39 ug/ml



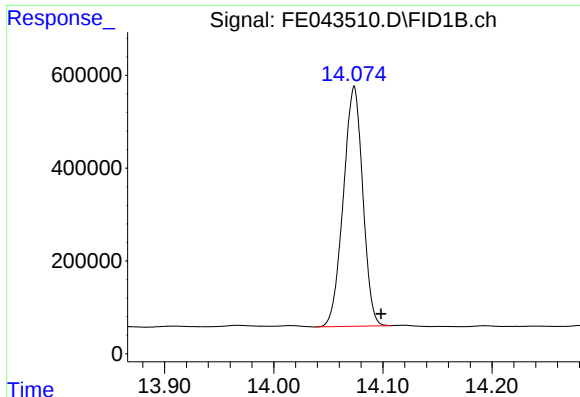
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 6551696
Conc: 43.24 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: -0.025 min
Response: 3281324
Conc: 24.97 ug/ml



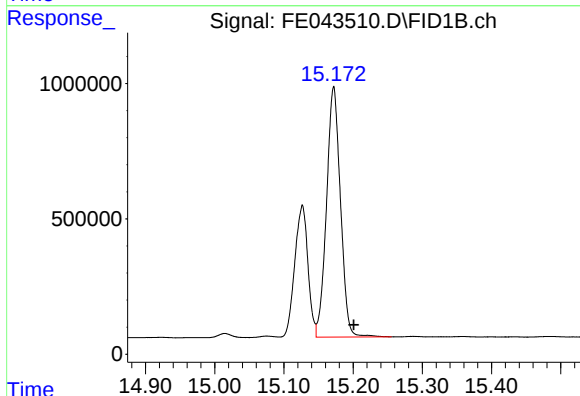
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: -0.025 min
Response: 6396498
Conc: 42.80 ug/ml

Instrument :
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ClientSampleId :
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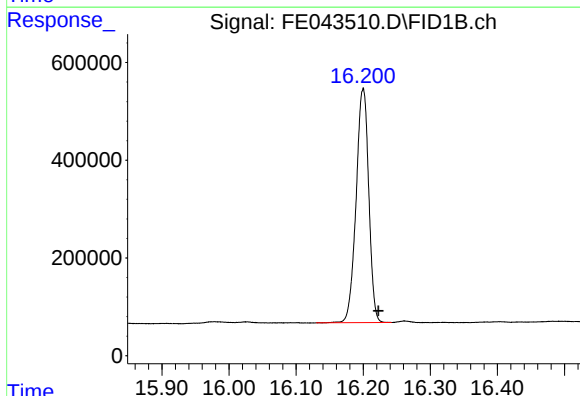
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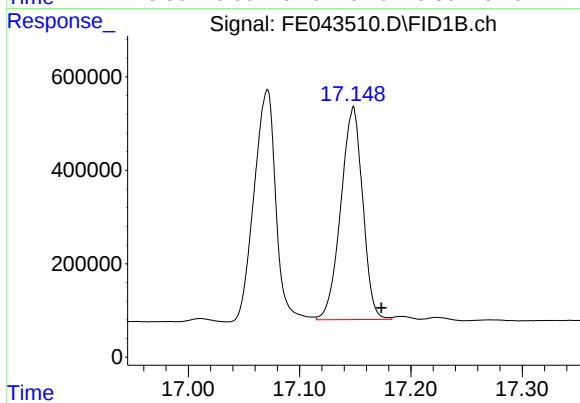
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.029 min
Response: 12948023
Conc: 88.17 ug/ml



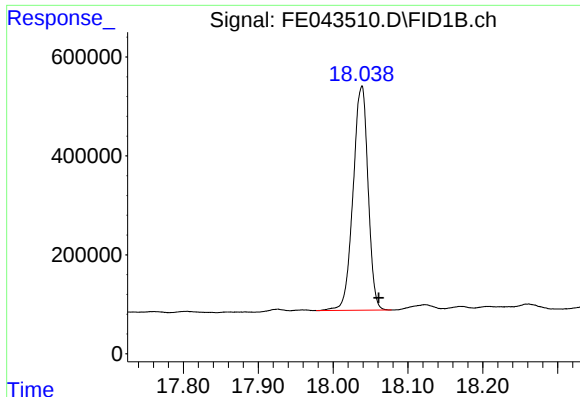
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.023 min
Response: 6264000
Conc: 43.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: -0.025 min
Response: 6215544
Conc: 44.17 ug/ml m



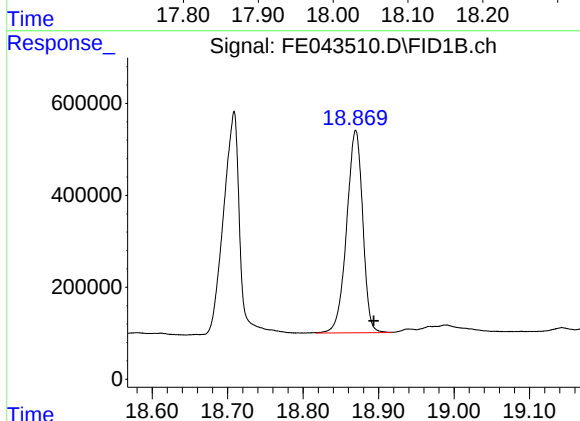
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.023 min
Response: 6303952
Conc: 42.79 ug/ml

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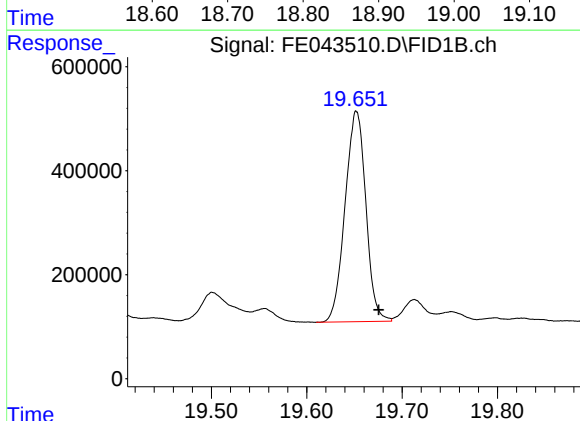
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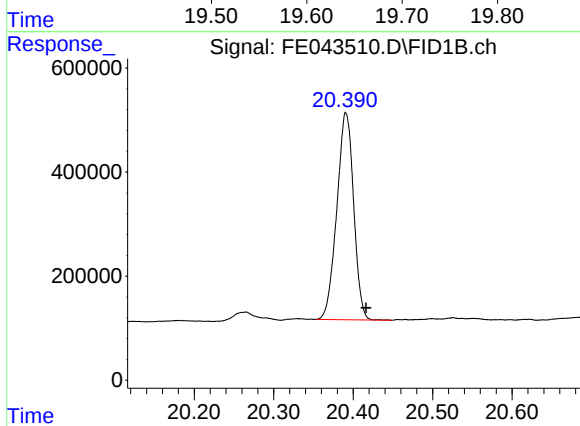
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.024 min
Response: 6515957
Conc: 43.97 ug/ml



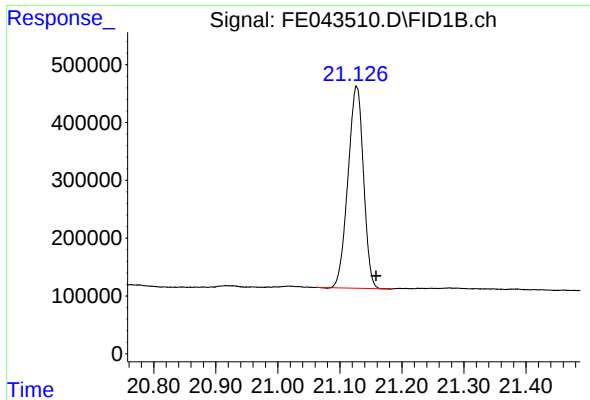
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 6141905
Conc: 42.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.026 min
Response: 5868000
Conc: 39.92 ug/ml



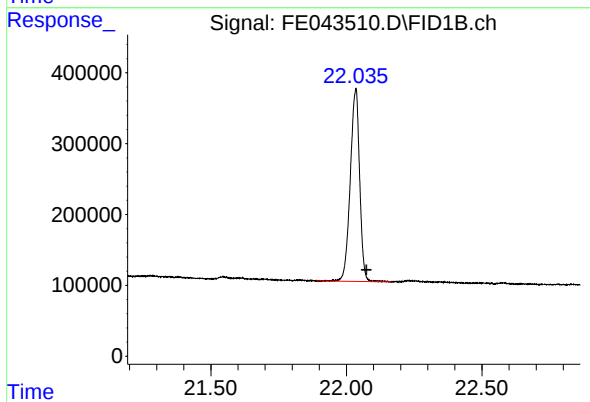
#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.031 min
Response: 6074709
Conc: 42.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.039 min
Response: 6553266
Conc: 44.40 ug/ml