

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037776.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2022 05:16
 Operator : YP\AJ
 Sample : N4780-11MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 17:21:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.620	4560175	26.984 ug/ml
Spiked Amount 50.000		Recovery =	53.97%
12) S 1-chlorooctadecane (S...	13.042	3580219	27.819 ug/ml
Spiked Amount 50.000		Recovery =	55.64%
Target Compounds			
1) T n-Nonane (C9)	3.018	4095495	26.767 ug/mlm
2) T n-Decane (C10)	4.274	4605523	29.872 ug/mlm
3) T A~Naphthalene (C11.7)	5.987	4922620	34.168 ug/ml
4) T n-Dodecane (C12)	6.444	5201787	32.895 ug/ml
5) T A~2-methylnaphthalene...	7.080	5013739	35.911 ug/ml
6) T n-Tetradecane (C14)	9.863	5920618	37.365 ug/ml
7) T n-Hexadecane (C16)	9.863	5920618	37.365 ug/ml
8) T n-Octadecane (C18)	11.299	5996592	37.657 ug/ml
10) T n-Eicosane (C20)	12.601	5724240	36.179 ug/ml
11) T n-Heneicosane (C21)	13.209	5605881	35.550 ug/ml
13) T n-Docosane (C22)	13.793	5533636	35.547 ug/ml
14) T n-Tetracosane (C24)	14.890	10705464	71.178 ug/ml
15) T n-Hexacosane (C26)	15.906	5246361	36.231 ug/ml
16) T n-Octacosane (C28)	16.850	5719538	41.285 ug/ml
17) T n-Tricontane (C30)	17.735	5190954	38.160 ug/ml
18) T n-Dotriacontane (C32)	18.560	5455562	40.856 ug/ml
19) T n-Tetratriacontane (C34)	19.340	5394015	42.631 ug/ml
20) T n-Hexatriacontane (C36)	20.078	5323746	41.393 ug/ml
21) T n-Octatriacontane (C38)	20.774	5484174	44.064 ug/ml
22) T n-Tetracontane (C40)	21.550	5675521	44.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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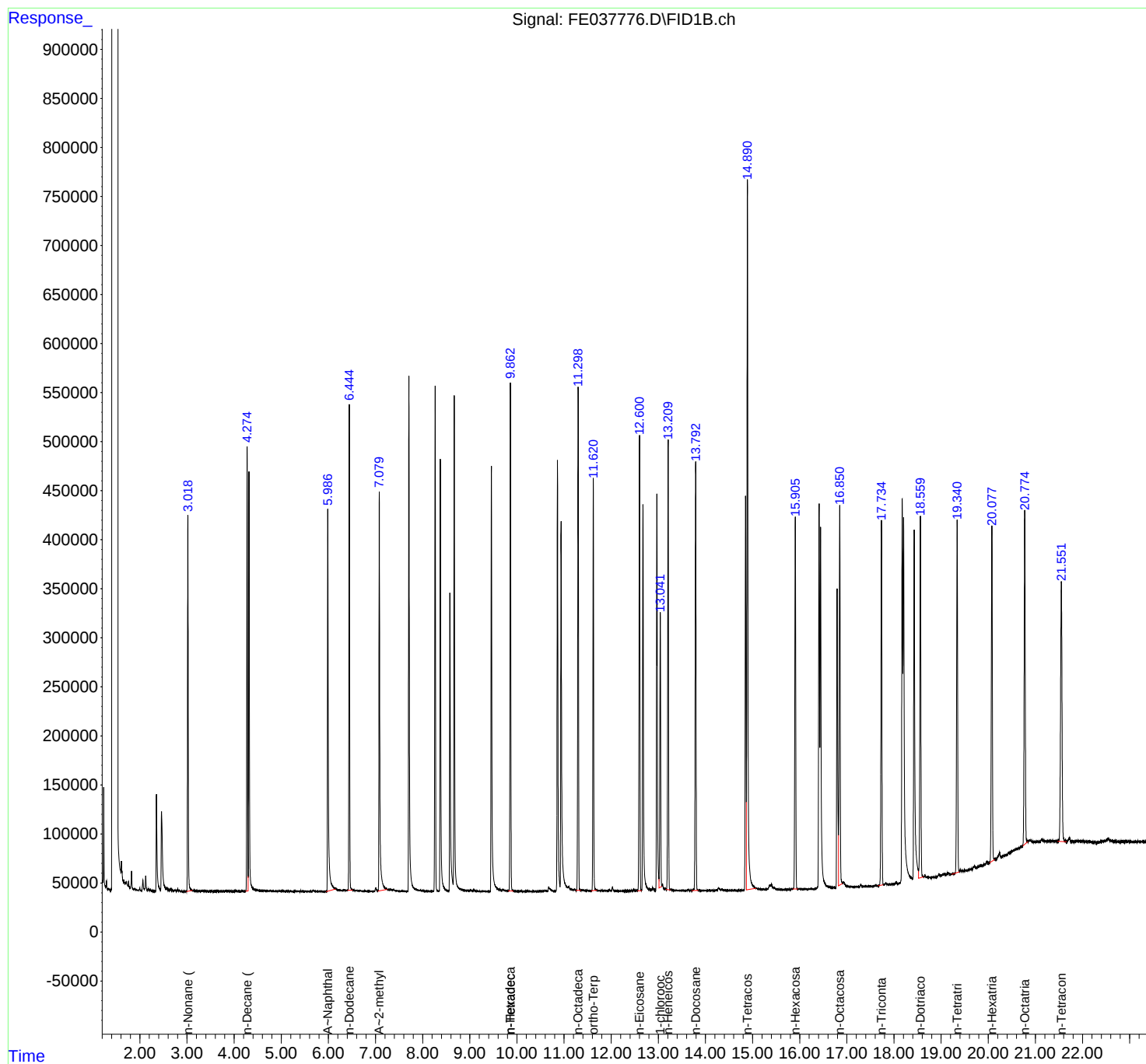
Instrument :
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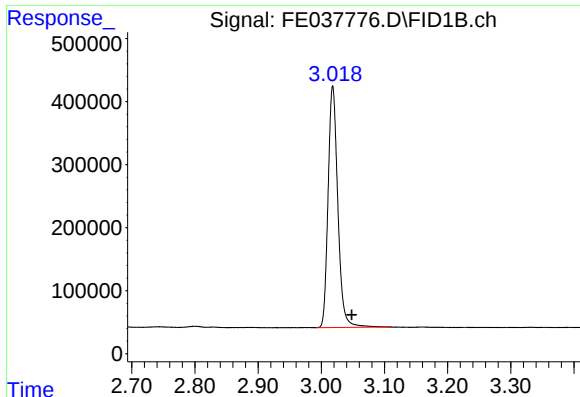
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#1 n-Nonane (C9)

R.T.: 3.018 min
Delta R.T.: -0.030 min
Response: 4095495
Conc: 26.77 ug/ml

Instrument :

FID_E

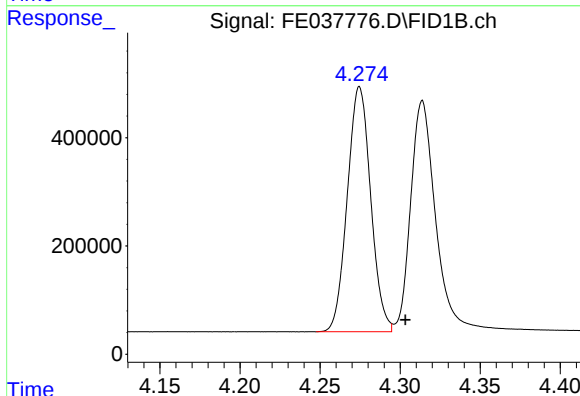
ClientSampleId :

SP-2MS

Manual Integrations

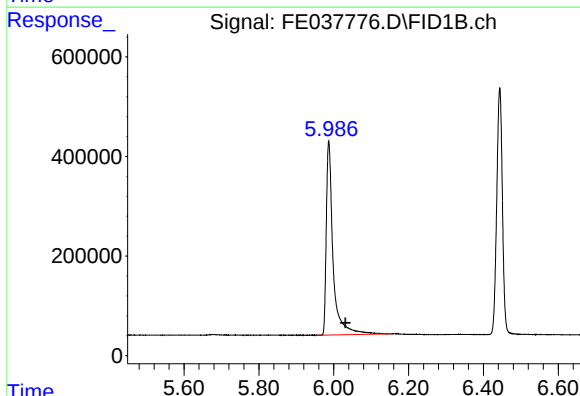
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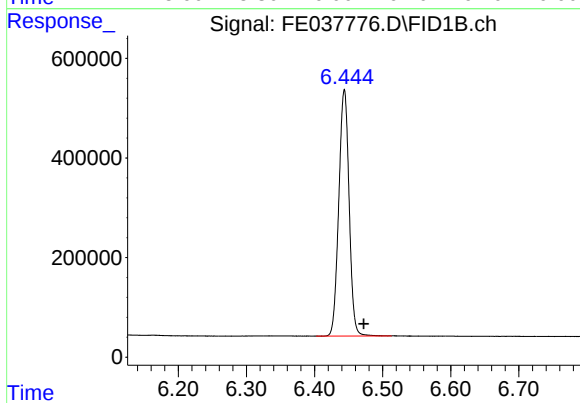
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: -0.029 min
Response: 4605523
Conc: 29.87 ug/ml m



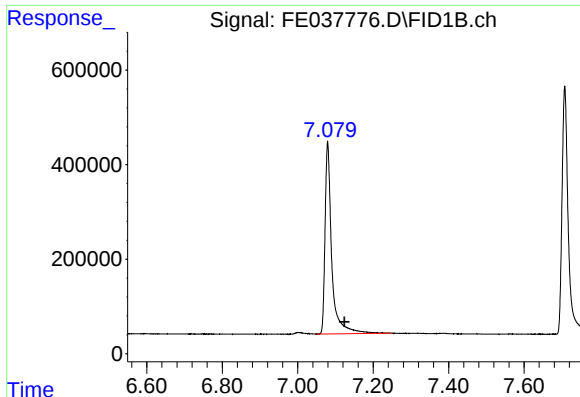
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.044 min
Response: 4922620
Conc: 34.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.029 min
Response: 5201787
Conc: 32.90 ug/ml



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

R.T.: 7.080 min
Delta R.T.: -0.044 min
Response: 5013739
Conc: 35.91 ug/ml

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FID_E

ClientSampleId :

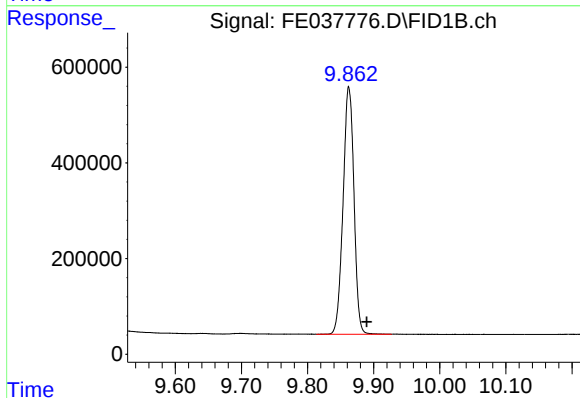
SP-2MS

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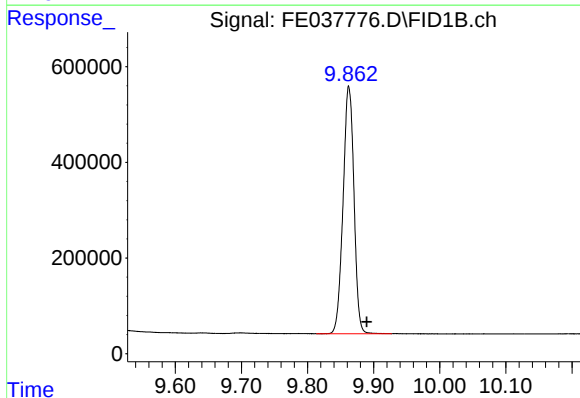
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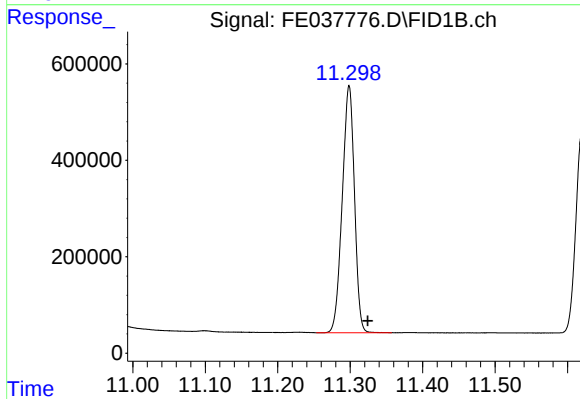
#6 n-Tetradecane (C14)

R.T.: 9.863 min
Delta R.T.: -0.027 min
Response: 5920618
Conc: 37.37 ug/ml



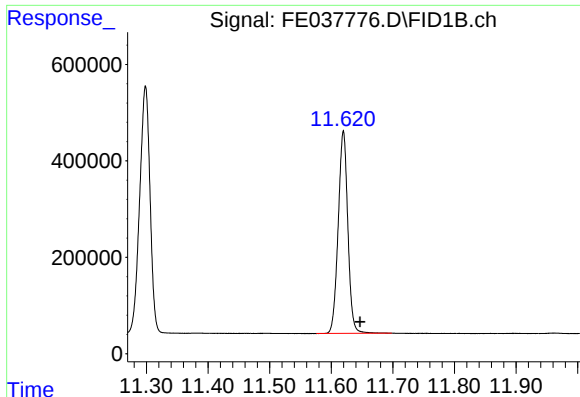
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.027 min
Response: 5920618
Conc: 37.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.026 min
Response: 5996592
Conc: 37.66 ug/ml



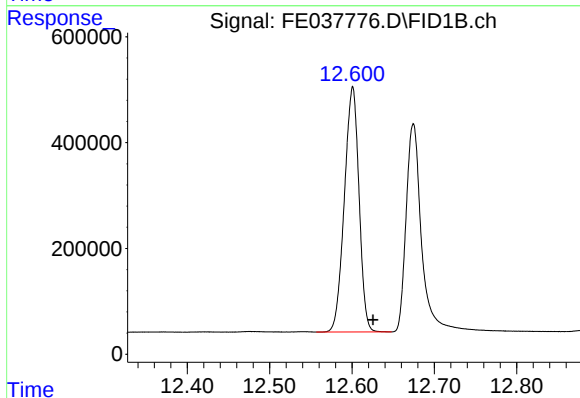
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.027 min
Response: 4560175
Conc: 26.98 ug/ml

Instrument :
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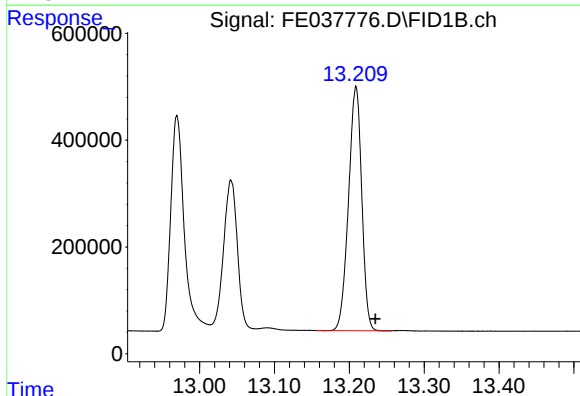
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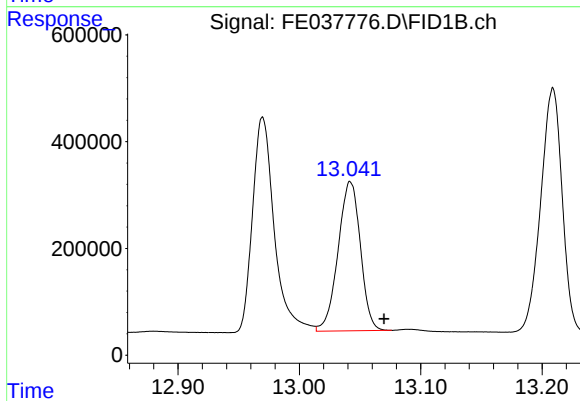
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.025 min
Response: 5724240
Conc: 36.18 ug/ml



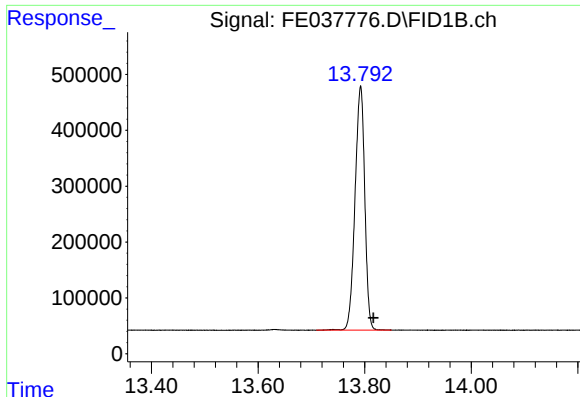
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.026 min
Response: 5605881
Conc: 35.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: -0.028 min
Response: 3580219
Conc: 27.82 ug/ml



#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.024 min
Response: 5533636
Conc: 35.55 ug/ml

Instrument :

FID_E

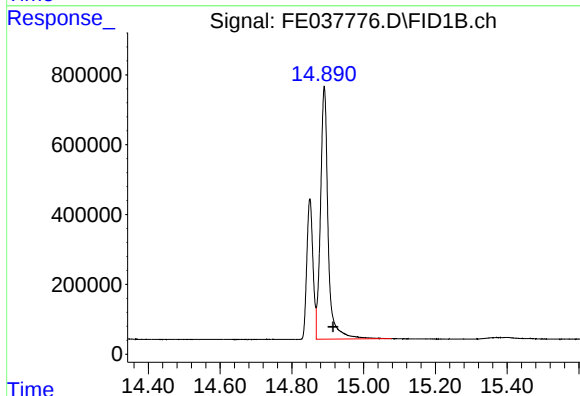
ClientSampleId :

SP-2MS

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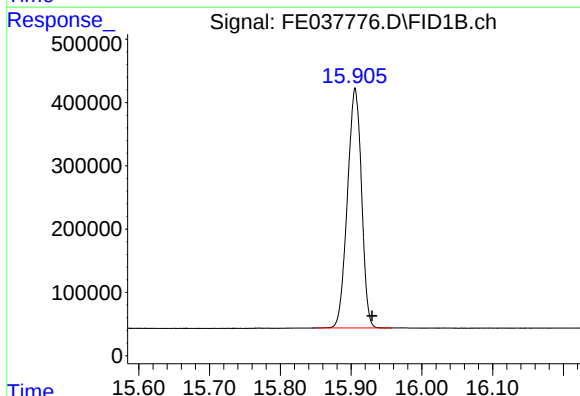
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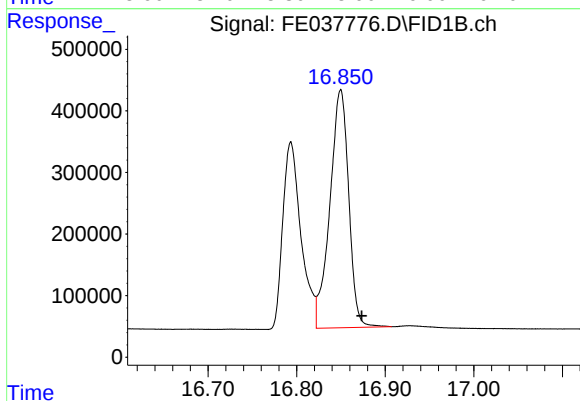
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.024 min
Response: 10705464
Conc: 71.18 ug/ml



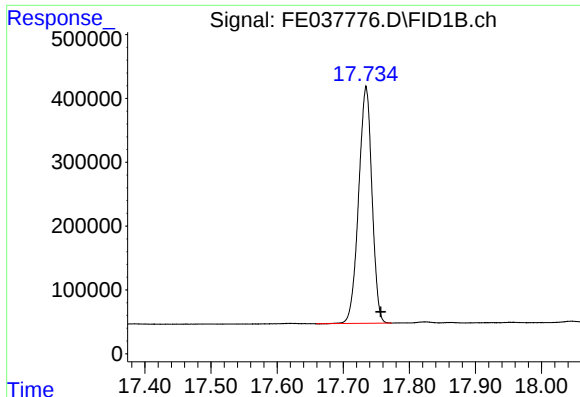
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.024 min
Response: 5246361
Conc: 36.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.024 min
Response: 5719538
Conc: 41.28 ug/ml



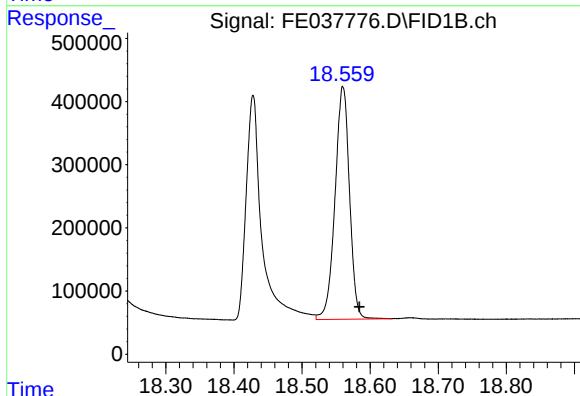
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.022 min
Response: 5190954
Conc: 38.16 ug/ml

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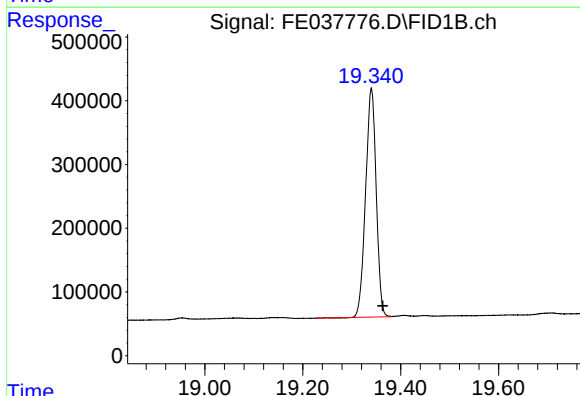
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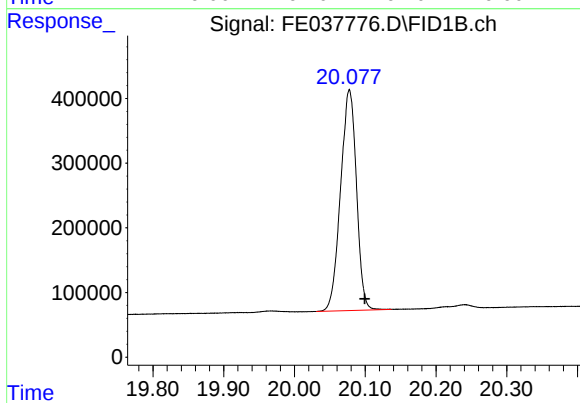
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.024 min
Response: 5455562
Conc: 40.86 ug/ml



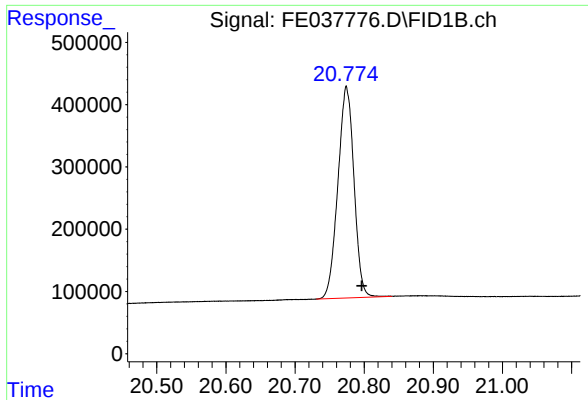
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.023 min
Response: 5394015
Conc: 42.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.022 min
Response: 5323746
Conc: 41.39 ug/ml



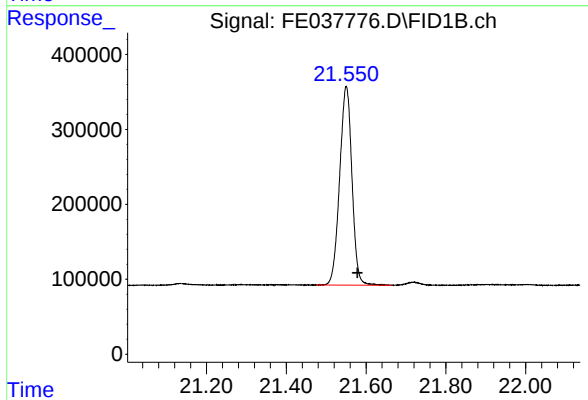
#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.022 min
Response: 5484174
Conc: 44.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: -0.028 min
Response: 5675521
Conc: 44.03 ug/ml