

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037691.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 19:19
 Operator : YP\AJ
 Sample : N4700-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ROLLOFF-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 21 04:50:04 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)	11.621	5529104	32.718 ug/ml
Spiked Amount 50.000		Recovery =	65.44%
12) S 1-chlorooctadecane (S...	13.044	4402204	34.205 ug/ml
Spiked Amount 50.000		Recovery =	68.41%
Target Compounds			
1) T n-Nonane (C9)	3.018	3902185	25.504 ug/mlm
2) T n-Decane (C10)	4.276	4453166	28.884 ug/mlm
3) T A~Naphthalene (C11.7)	5.990	4880605	33.876 ug/ml
4) T n-Dodecane (C12)	6.447	5170853	32.699 ug/ml
5) T A~2-methylnaphthalene...	7.083	4937813	35.368 ug/ml
6) T n-Tetradecane (C14)	9.864	5680372	35.849 ug/ml
7) T n-Hexadecane (C16)	9.864	5680372	35.849 ug/ml
8) T n-Octadecane (C18)	11.300	5878308	36.914 ug/ml
10) T n-Eicosane (C20)	12.602	5903649	37.313 ug/ml
11) T n-Heneicosane (C21)	13.209	5601190	35.520 ug/ml
13) T n-Docosane (C22)	13.793	5505308	35.365 ug/ml
14) T n-Tetracosane (C24)	14.889	10901034	72.478 ug/ml
15) T n-Hexacosane (C26)	15.905	5293369	36.555 ug/ml
16) T n-Octacosane (C28)	16.848	5796029	41.837 ug/ml
17) T n-Tricontane (C30)	17.732	5136704	37.761 ug/ml
18) T n-Dotriacontane (C32)	18.559	5266589	39.440 ug/ml
19) T n-Tetratriacontane (C34)	19.337	5158083	40.767 ug/ml
20) T n-Hexatriacontane (C36)	20.073	5019314	39.026 ug/ml
21) T n-Octatriacontane (C38)	20.770	5248916	42.174 ug/ml
22) T n-Tetracontane (C40)	21.545	5410932	41.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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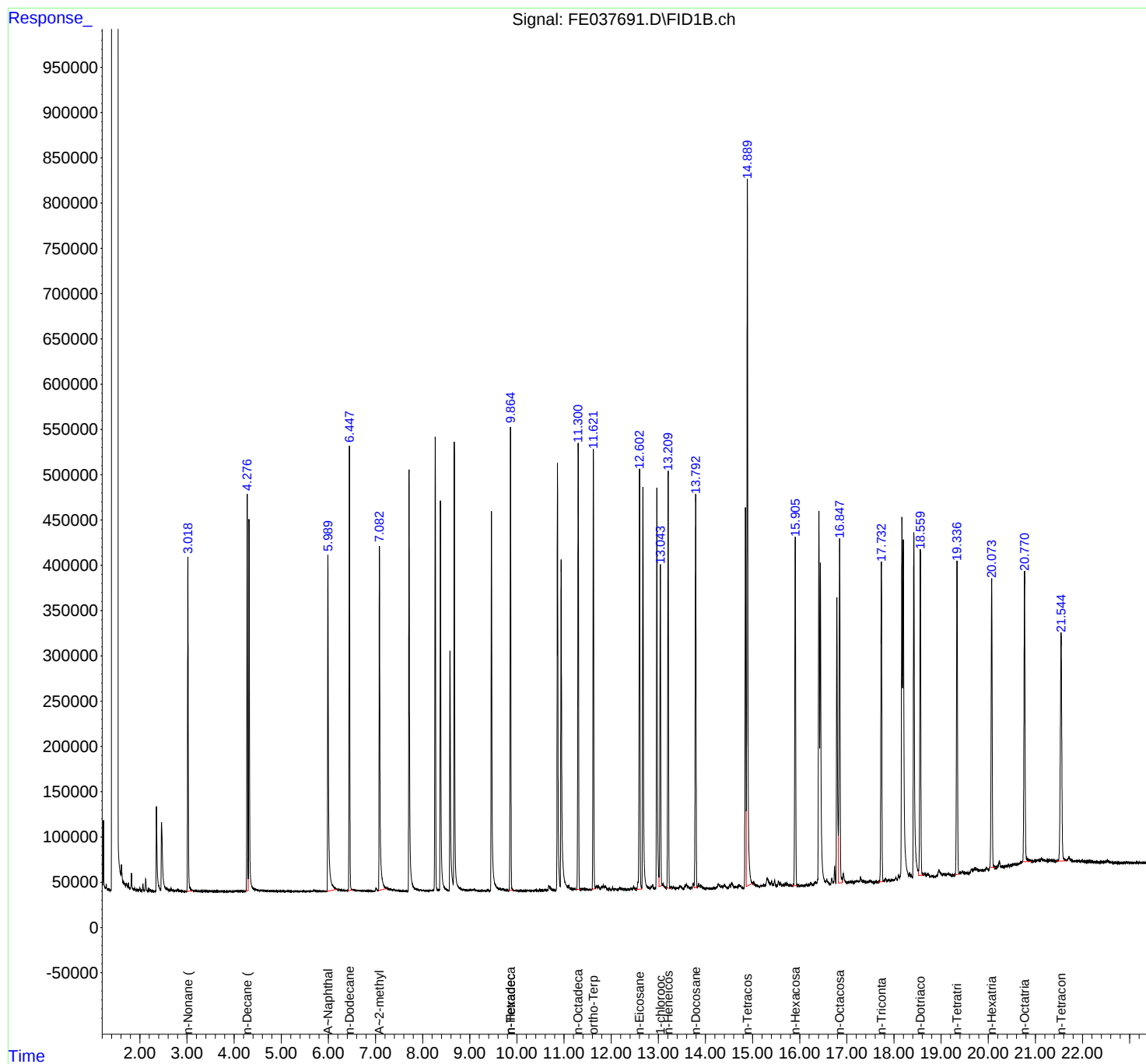
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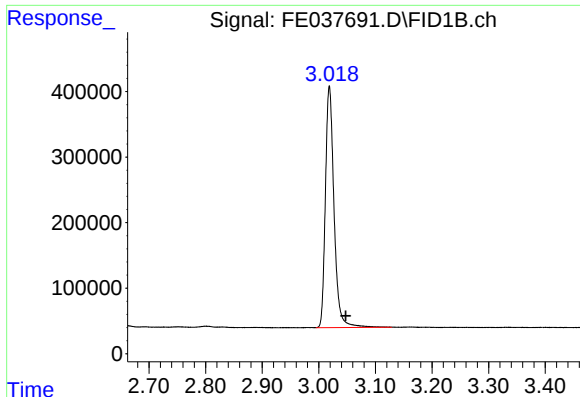
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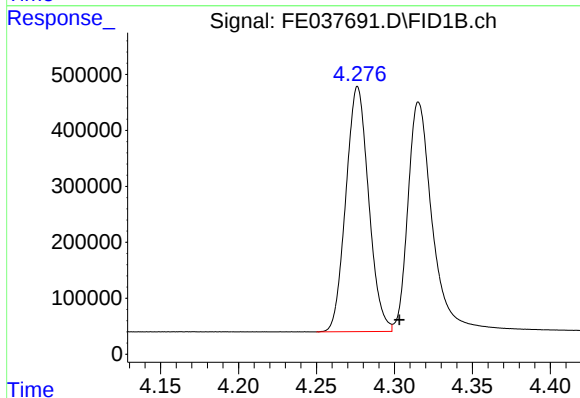
#1 n-Nonane (C9)

R.T.: 3.018 min
Delta R.T.: -0.030 min
Response: 3902185
Conc: 25.50 ug/ml

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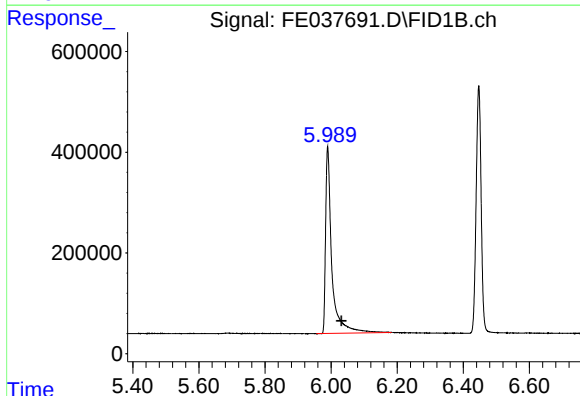
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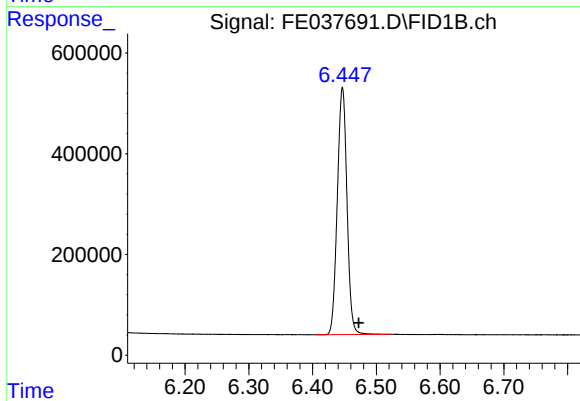
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.027 min
Response: 4453166
Conc: 28.88 ug/ml m



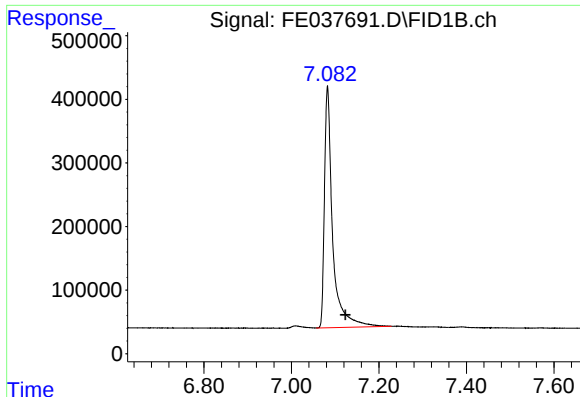
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.041 min
Response: 4880605
Conc: 33.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.025 min
Response: 5170853
Conc: 32.70 ug/ml



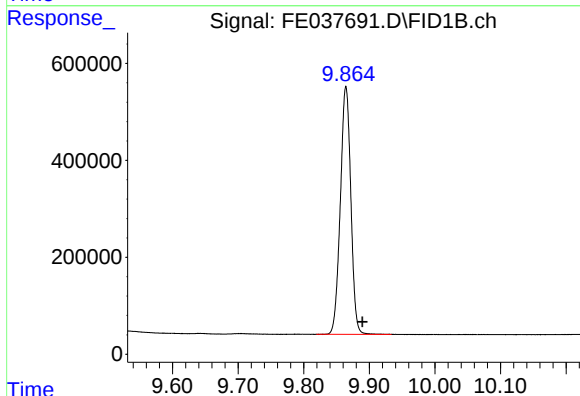
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.041 min
Response: 4937813
Conc: 35.37 ug/ml

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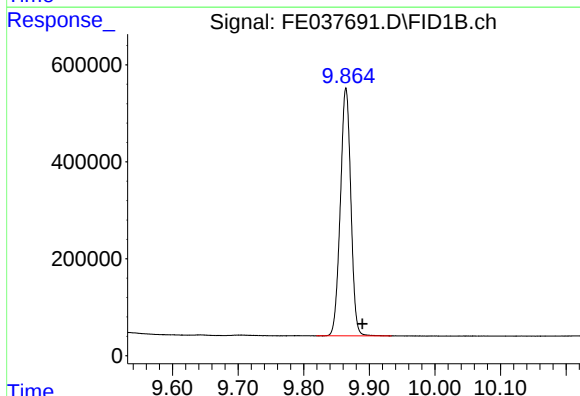
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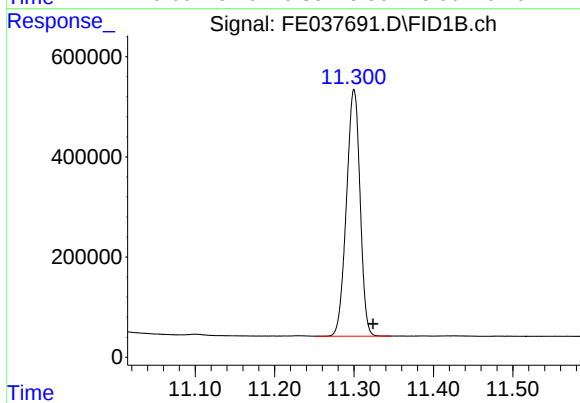
#6 n-Tetradecane (C14)

R.T.: 9.864 min
Delta R.T.: -0.025 min
Response: 5680372
Conc: 35.85 ug/ml



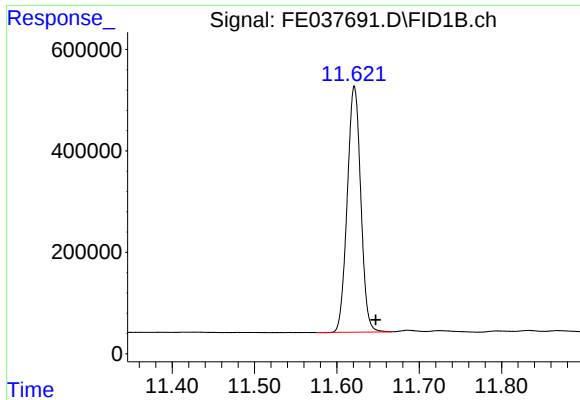
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.025 min
Response: 5680372
Conc: 35.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.024 min
Response: 5878308
Conc: 36.91 ug/ml



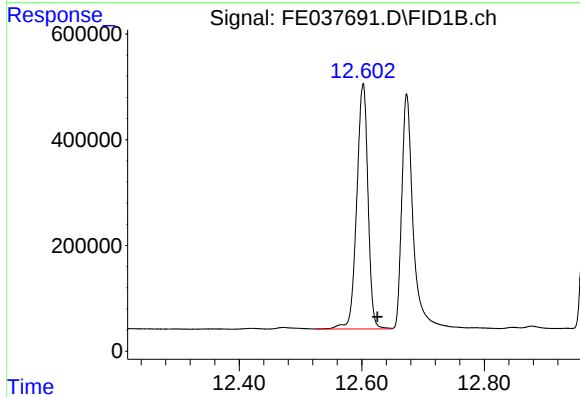
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: -0.026 min
Response: 5529104
Conc: 32.72 ug/ml

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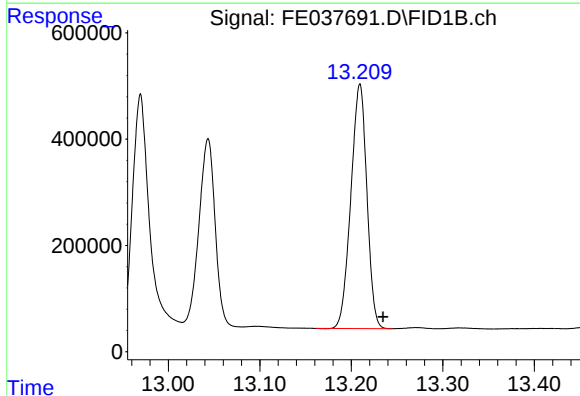
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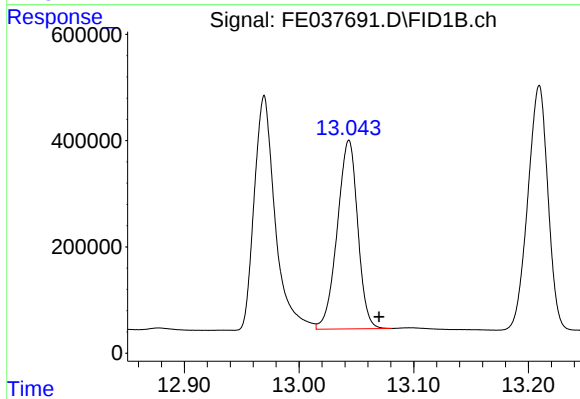
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.023 min
Response: 5903649
Conc: 37.31 ug/ml



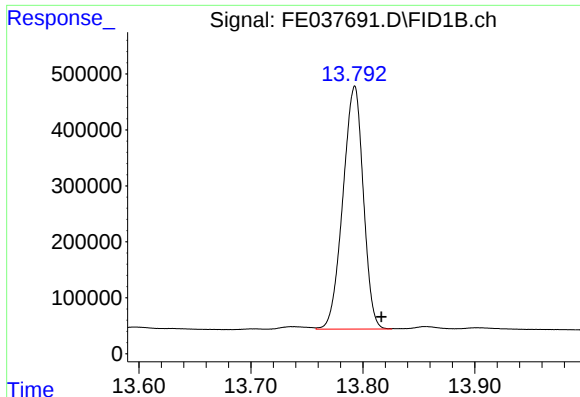
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.025 min
Response: 5601190
Conc: 35.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min
Delta R.T.: -0.026 min
Response: 4402204
Conc: 34.21 ug/ml



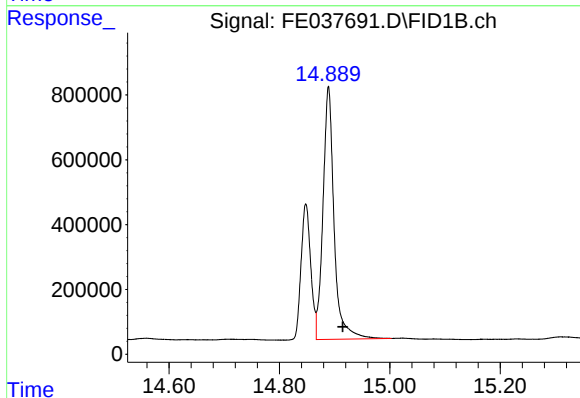
#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.024 min
Response: 5505308
Conc: 35.37 ug/ml

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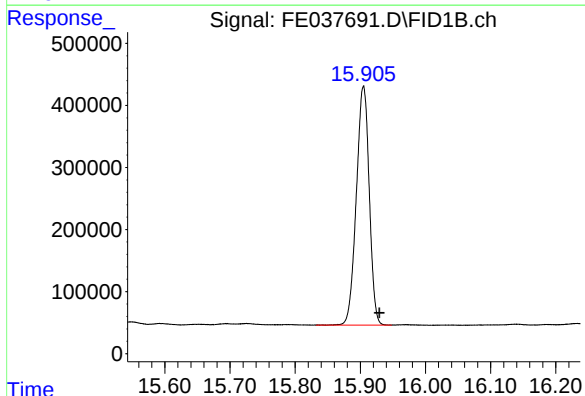
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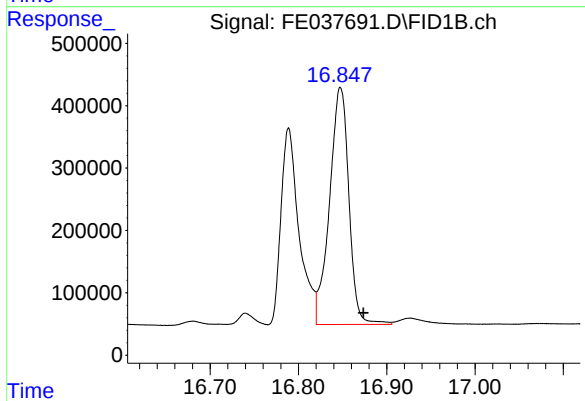
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.026 min
Response: 10901034
Conc: 72.48 ug/ml



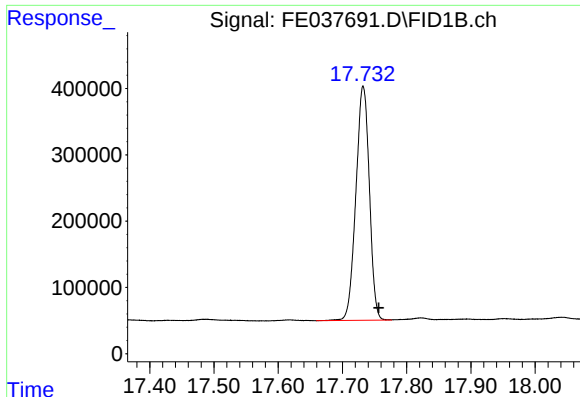
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.025 min
Response: 5293369
Conc: 36.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.026 min
Response: 5796029
Conc: 41.84 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.024 min
Response: 5136704
Conc: 37.76 ug/ml

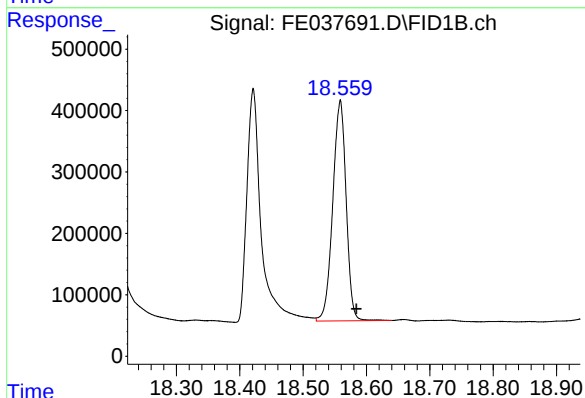
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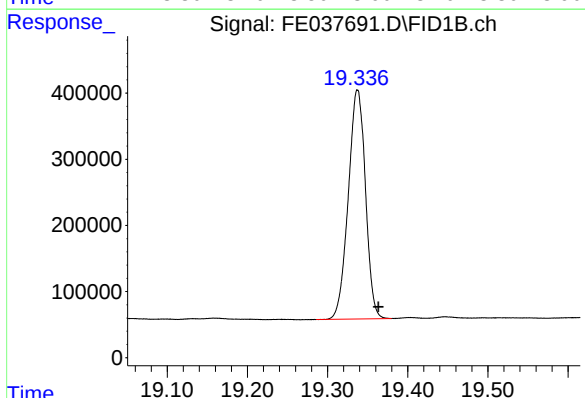
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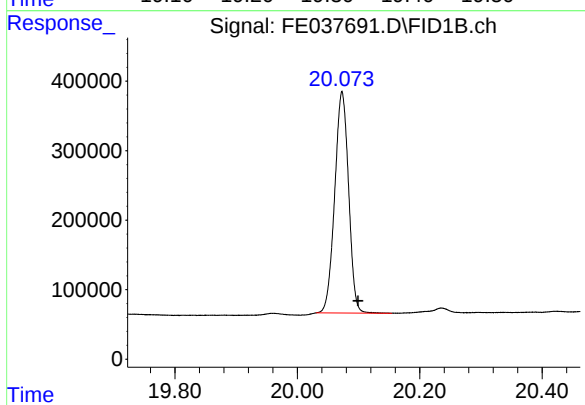
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.025 min
Response: 5266589
Conc: 39.44 ug/ml



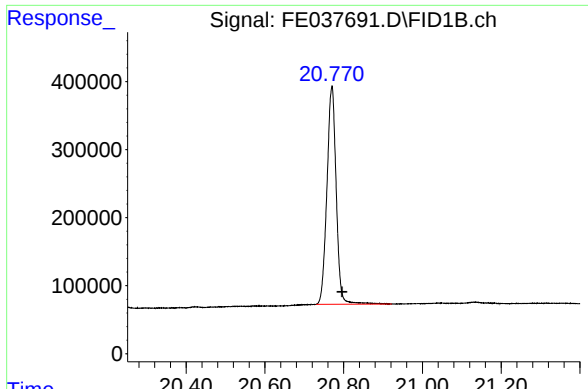
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.026 min
Response: 5158083
Conc: 40.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.026 min
Response: 5019314
Conc: 39.03 ug/ml



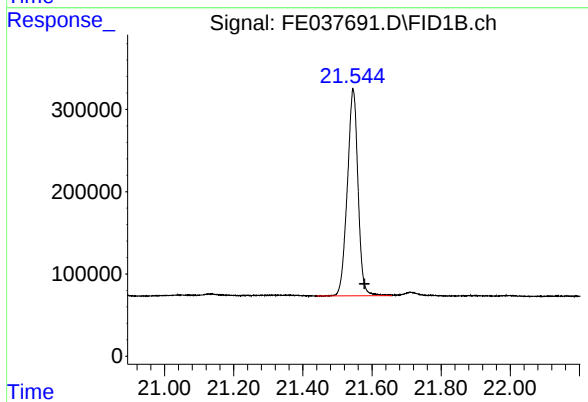
#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.026 min
Response: 5248916
Conc: 42.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.545 min
Delta R.T.: -0.033 min
Response: 5410932
Conc: 41.97 ug/ml