

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037426.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 19:38
 Operator : YP\AJ
 Sample : N4498-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CL-02-090222MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 02:44:53 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)	11.647	5314117	31.446 ug/ml
Spiked Amount 50.000		Recovery =	62.89%
12) S 1-chlorooctadecane (S...	13.069	7429546	57.728 ug/ml
Spiked Amount 50.000		Recovery =	115.46%
Target Compounds			
1) T n-Nonane (C9)	3.039	3941283	25.759 ug/ml
2) T n-Decane (C10)	4.296	4466006	28.967 ug/ml
3) T A~Naphthalene (C11.7)	6.008	5473246	37.990 ug/ml
4) T n-Dodecane (C12)	6.467	5301659	33.527 ug/ml
5) T A~2-methylnaphthalene...	7.101	5817062	41.665 ug/ml
6) T n-Tetradecane (C14)	9.887	6952171	43.875 ug/ml
7) T n-Hexadecane (C16)	9.887	6952171	43.875 ug/ml
8) T n-Octadecane (C18)	11.325	6775354	42.547 ug/ml
10) T n-Eicosane (C20)	12.628	7482396	47.291 ug/ml
11) T n-Heneicosane (C21)	13.237	6218885	39.437 ug/ml
13) T n-Docosane (C22)	13.820	6620233	42.527 ug/ml
14) T n-Tetracosane (C24)	14.921	15509417	103.118 ug/ml
15) T n-Hexacosane (C26)	15.936	5865221	40.505 ug/ml
16) T n-Octacosane (C28)	16.880	5903804	42.615 ug/ml
17) T n-Tricontane (C30)	17.766	5833818	42.886 ug/ml
18) T n-Dotriacontane (C32)	18.593	6590862	49.358 ug/ml
19) T n-Tetratriacontane (C34)	19.375	5530545	43.710 ug/ml
20) T n-Hexatriacontane (C36)	20.111	5514257	42.875 ug/ml
21) T n-Octatriacontane (C38)	20.810	5975452	48.011 ug/ml
22) T n-Tetracontane (C40)	21.597	5643505	43.777 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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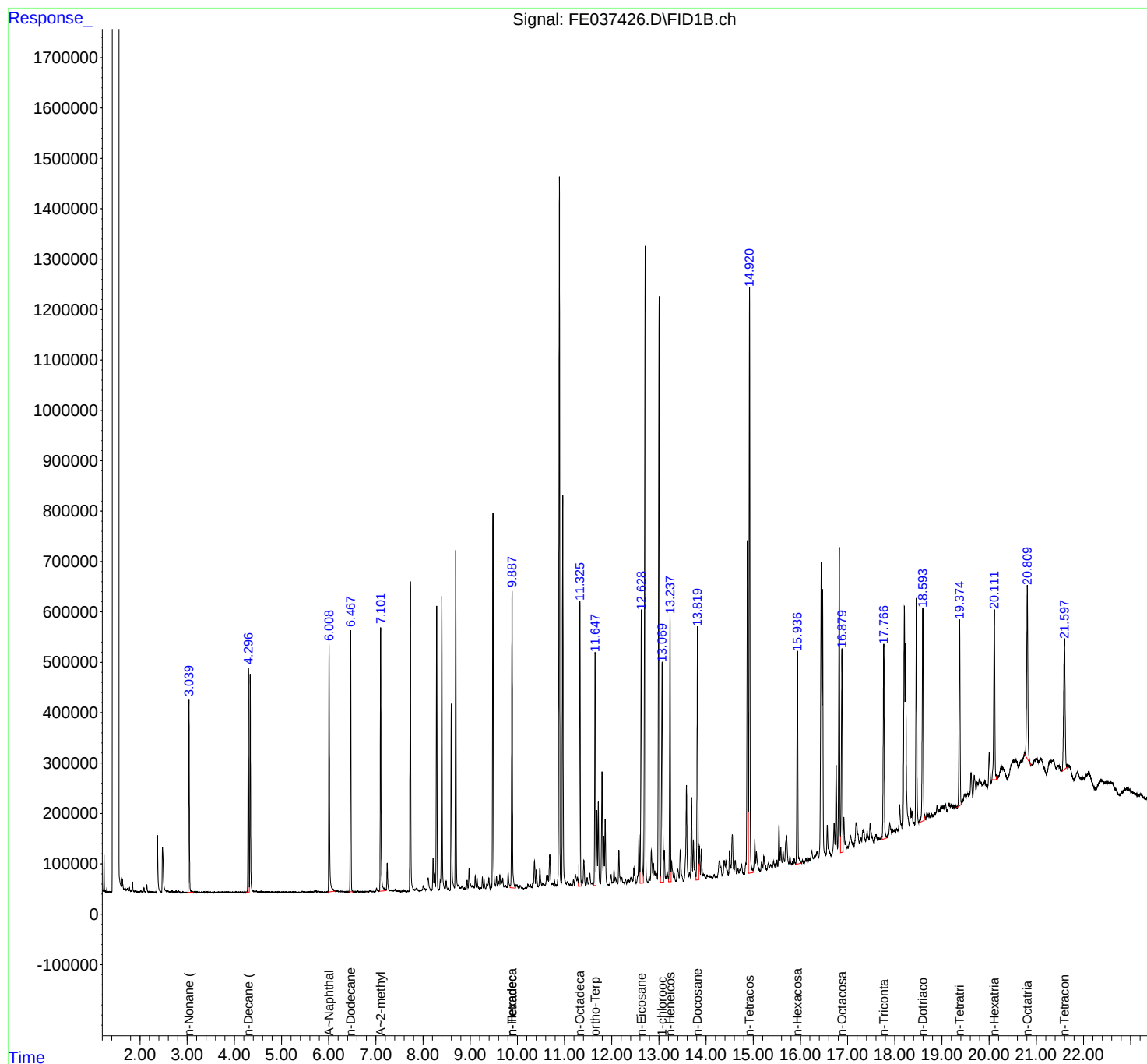
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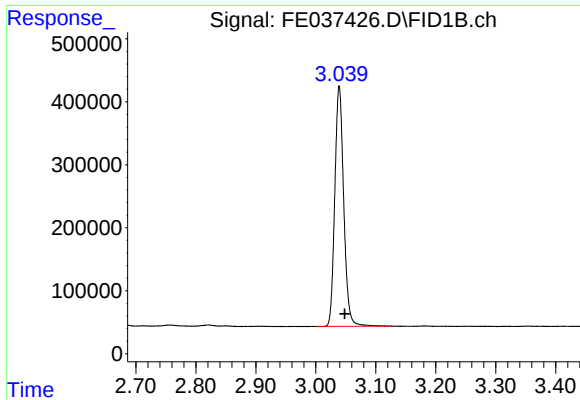
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#1 n-Nonane (C9)

R.T.: 3.039 min
Delta R.T.: -0.009 min
Response: 3941283
Conc: 25.76 ug/ml

Instrument :

FID_E

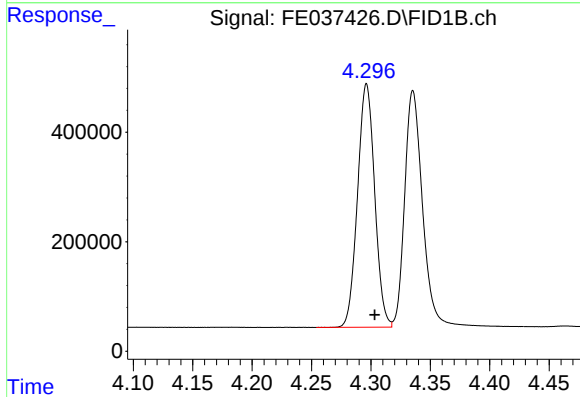
ClientSampleId :

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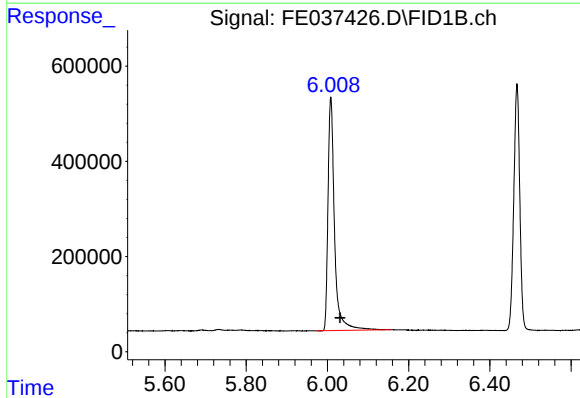
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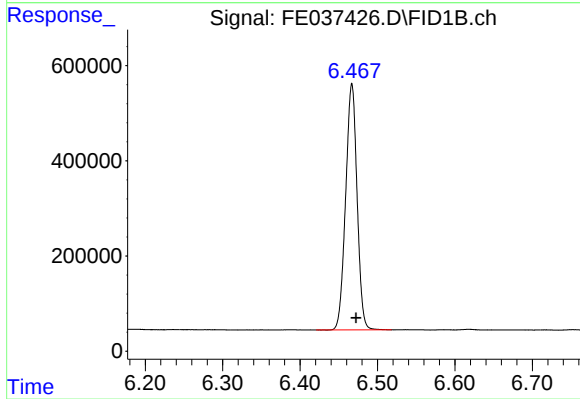
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 4466006
Conc: 28.97 ug/ml



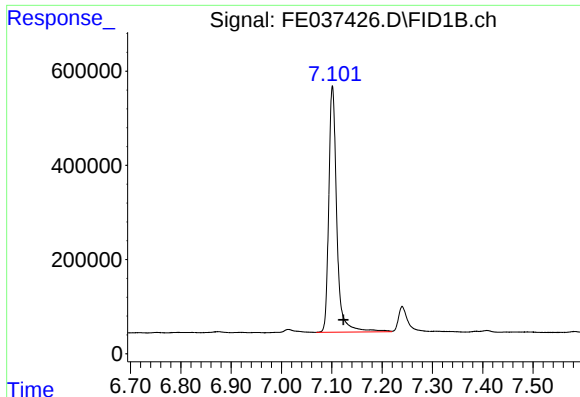
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.022 min
Response: 5473246
Conc: 37.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 5301659
Conc: 33.53 ug/ml



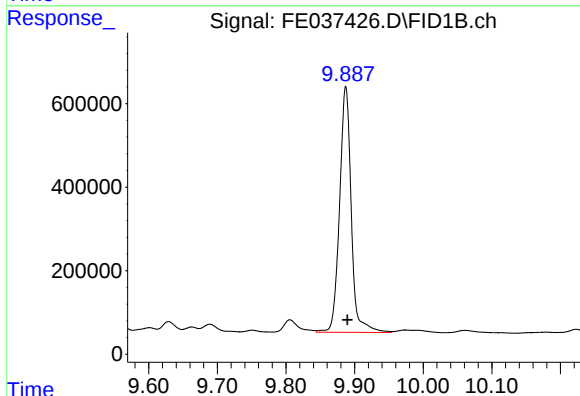
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 5817062
Conc: 41.67 ug/ml

Instrument :
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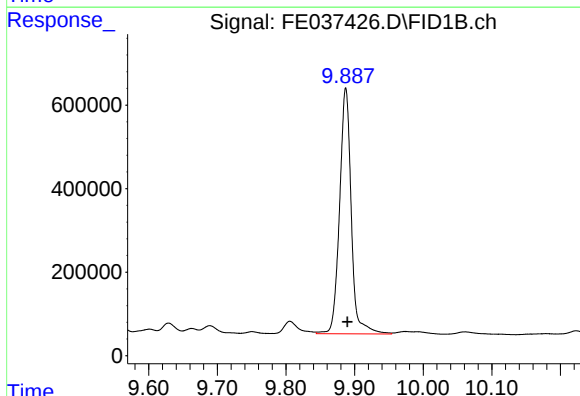
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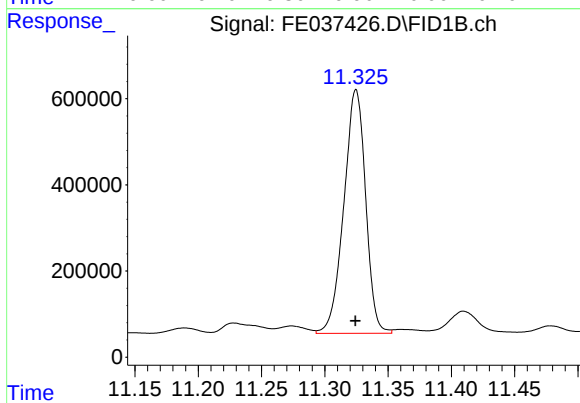
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 6952171
Conc: 43.88 ug/ml



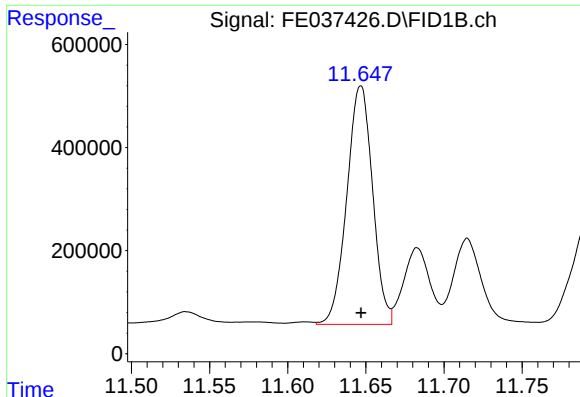
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 6952171
Conc: 43.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 6775354
Conc: 42.55 ug/ml



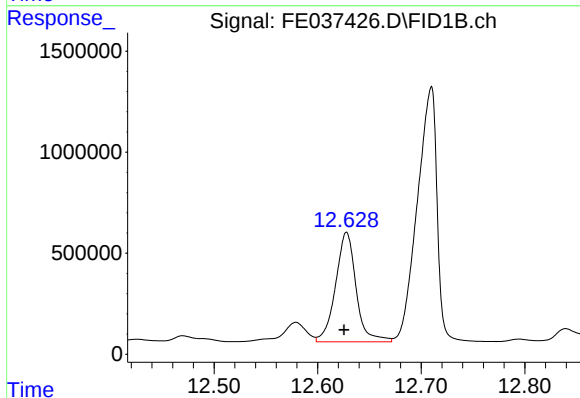
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 5314117
Conc: 31.45 ug/ml

Instrument :
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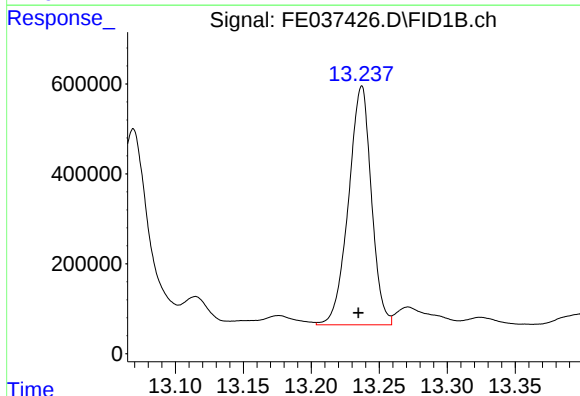
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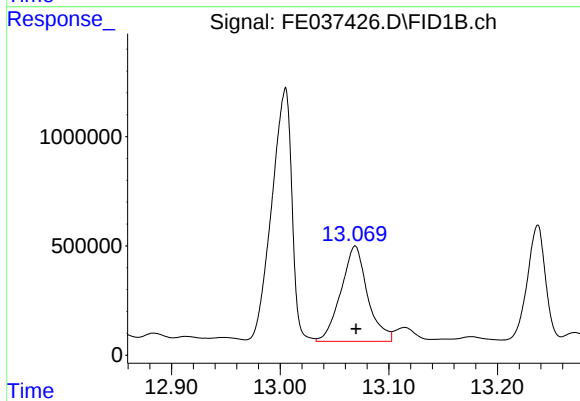
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.002 min
Response: 7482396
Conc: 47.29 ug/ml



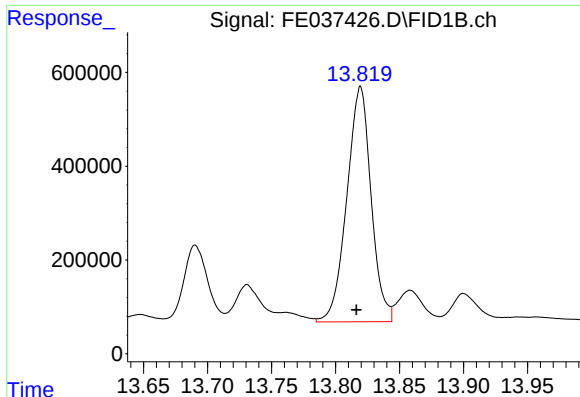
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: 0.002 min
Response: 6218885
Conc: 39.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: 0.000 min
Response: 7429546
Conc: 57.73 ug/ml



#13 n-Docosane (C22)

R.T.: 13.820 min
Delta R.T.: 0.003 min
Response: 6620233
Conc: 42.53 ug/ml

Instrument :

FID_E

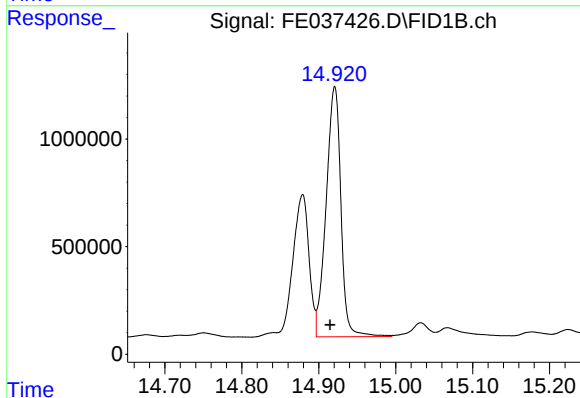
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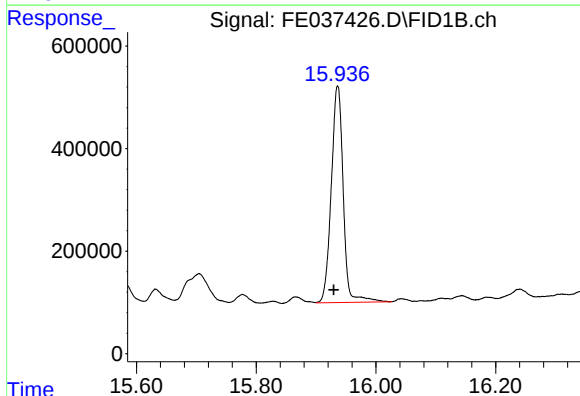
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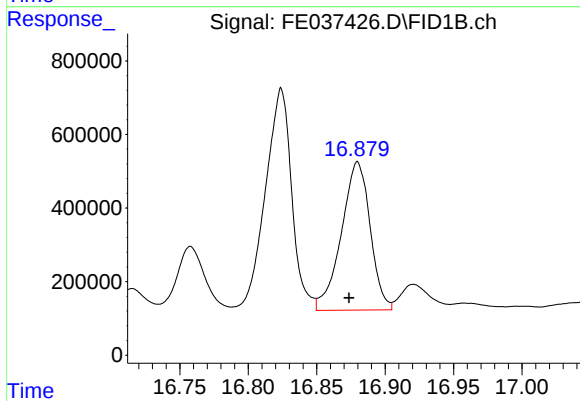
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: 0.006 min
Response: 15509417
Conc: 103.12 ug/ml



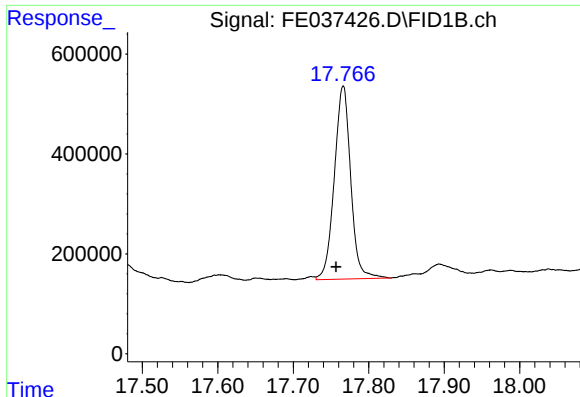
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: 0.007 min
Response: 5865221
Conc: 40.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.880 min
Delta R.T.: 0.006 min
Response: 5903804
Conc: 42.62 ug/ml



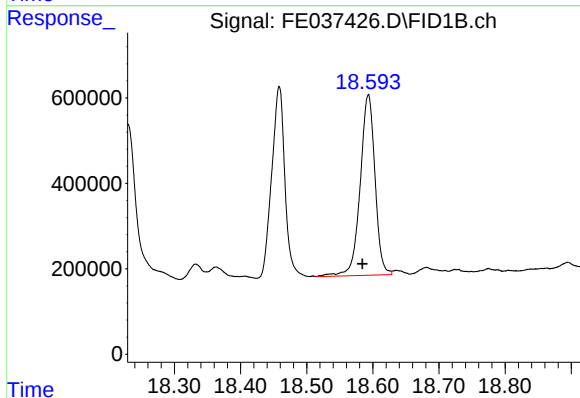
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: 0.009 min
Response: 5833818
Conc: 42.89 ug/ml

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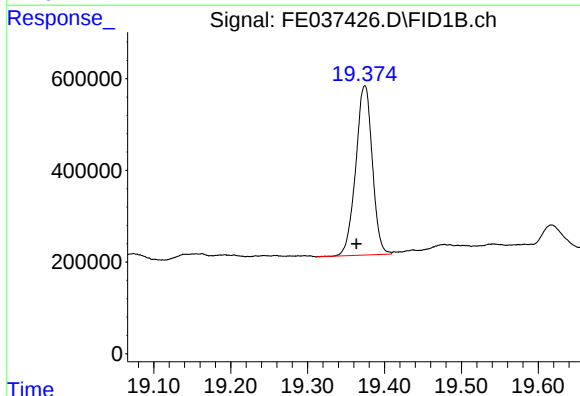
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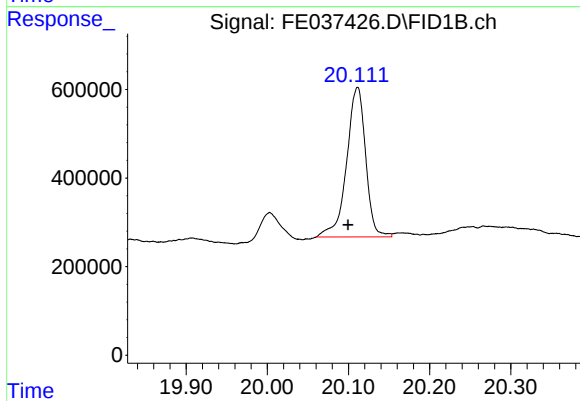
#18 n-Dotriacontane (C32)

R.T.: 18.593 min
Delta R.T.: 0.009 min
Response: 6590862
Conc: 49.36 ug/ml



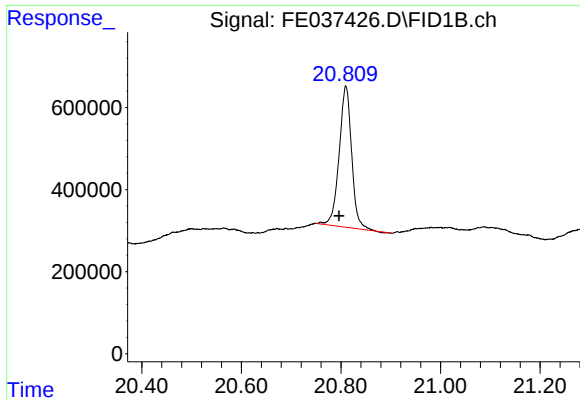
#19 n-Tetratriacontane (C34)

R.T.: 19.375 min
Delta R.T.: 0.011 min
Response: 5530545
Conc: 43.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.111 min
Delta R.T.: 0.012 min
Response: 5514257
Conc: 42.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: 0.013 min
Response: 5975452
Conc: 48.01 ug/ml

Instrument :

FID_E

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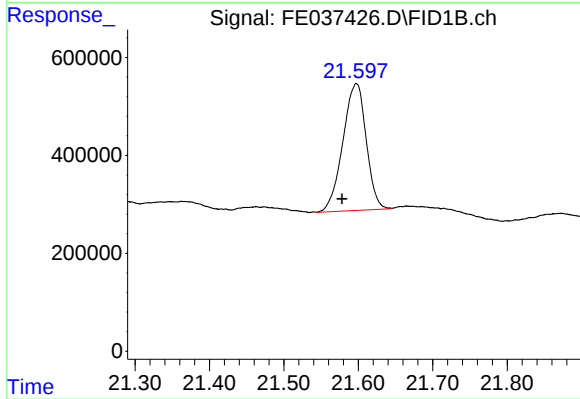
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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.018 min
Response: 5643505
Conc: 43.78 ug/ml m