

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091223AL\
 Data File : FE044230.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2023 18:12
 Operator : YP\AJ
 Sample : 04393-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :Ankita Jodhani 09/13/2023

Integration File: autoint1.e

Quant Time: Sep 12 18:36:41 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.939	7316281	38.618 ug/mlm
Spiked Amount 50.000		Recovery =	77.24%
12) S 1-chlorooctadecane (S...	13.385	5518457	39.946 ug/mlm
Spiked Amount 50.000		Recovery =	79.89%
Target Compounds			
1) T n-Nonane (C9)	3.319	4567177	27.997 ug/ml
2) T n-Decane (C10)	4.572	5292388	31.841 ug/ml
3) T A~Naphthalene (C11.7)	6.271	6016539	33.599 ug/ml
4) T n-Dodecane (C12)	6.735	6019018	35.790 ug/ml
5) T A~2-methylnaphthalene...	7.367	6199986	36.165 ug/ml
6) T n-Tetradecane (C14)	8.564	6645983	39.629 ug/ml
7) T n-Hexadecane (C16)	10.173	7149816	41.368 ug/mlm
8) T n-Octadecane (C18)	11.625	7380231	42.398 ug/mlm
10) T n-Eicosane (C20)	12.941	7449871	45.039 ug/mlm
11) T n-Heneicosane (C21)	13.555	7150562	44.207 ug/mlm
13) T n-Docosane (C22)	14.140	7698198	48.186 ug/mlm
14) T n-Tetracosane (C24)	15.234	13459406	86.070 ug/mlm
15) T n-Hexacosane (C26)	16.262	6726975	44.622 ug/mlm
16) T n-Octacosane (C28)	17.208	7068689	48.982 ug/ml
17) T n-Tricontane (C30)	18.097	6521754	44.891 ug/ml
18) T n-Dotriacontane (C32)	18.926	6379297	44.784 ug/ml
19) T n-Tetratriacontane (C34)	19.711	6556795	46.855 ug/ml
20) T n-Hexatriacontane (C36)	20.451	6017634	43.894 ug/ml
21) T n-Octatriacontane (C38)	21.193	6081405	43.809 ug/ml
22) T n-Tetracontane (C40)	22.116	6389631	46.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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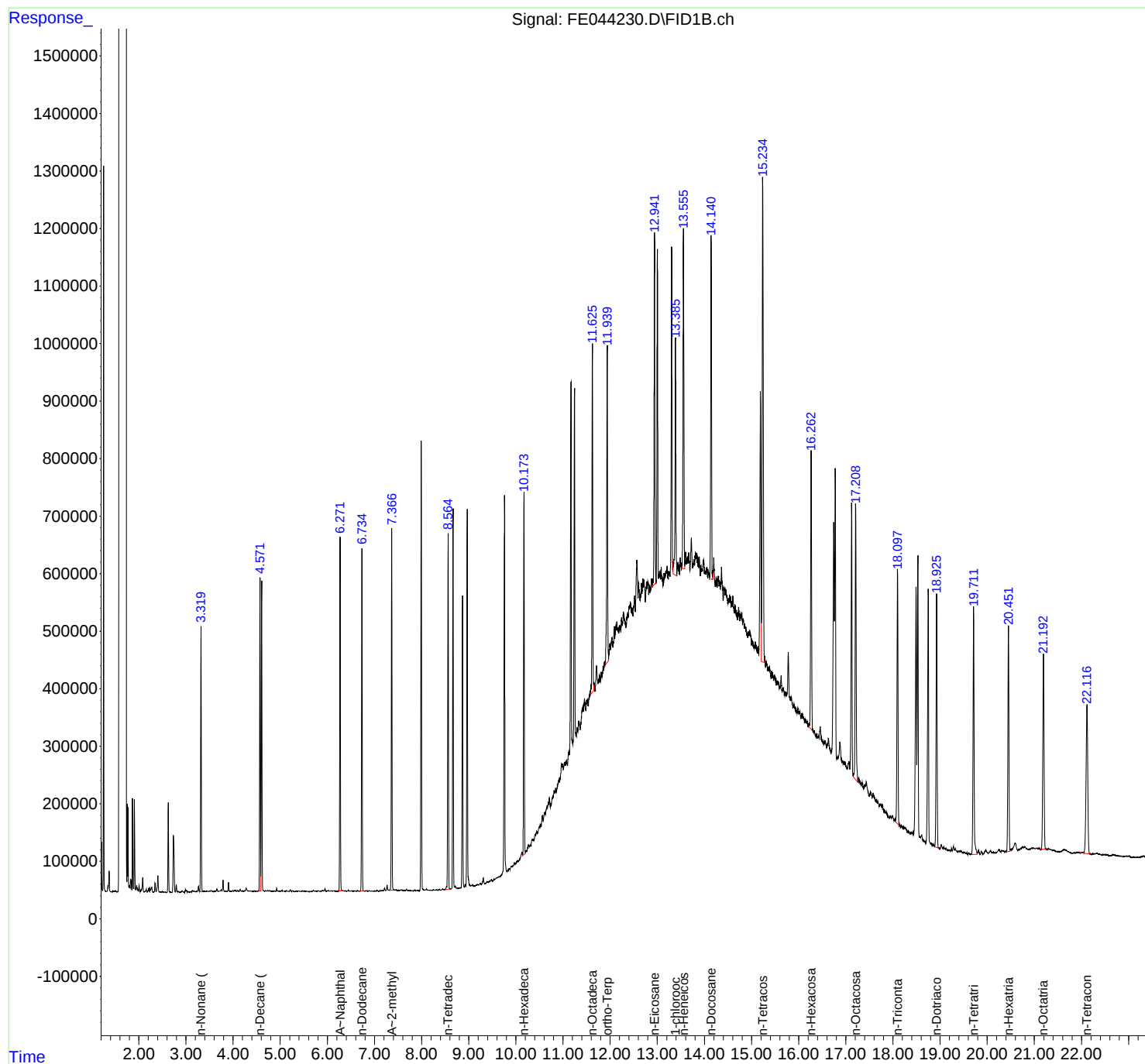
Instrument :
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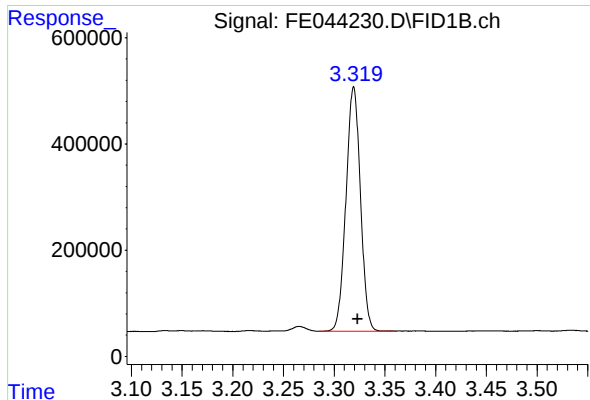
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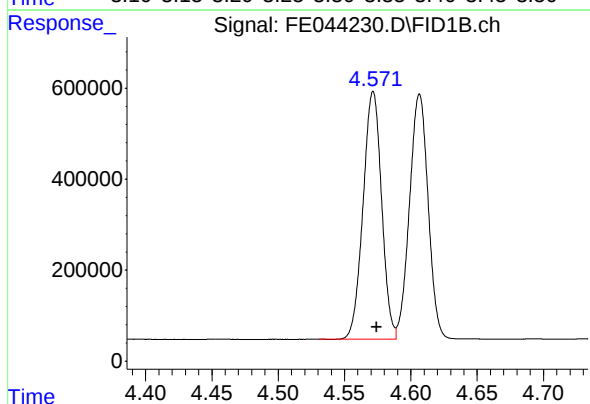
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 4567177
Conc: 28.00 ug/ml

Instrument :
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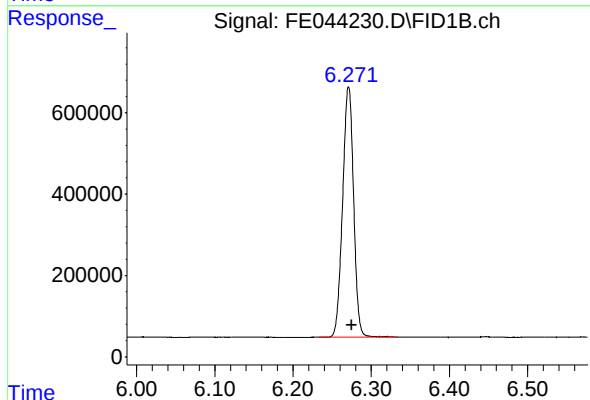
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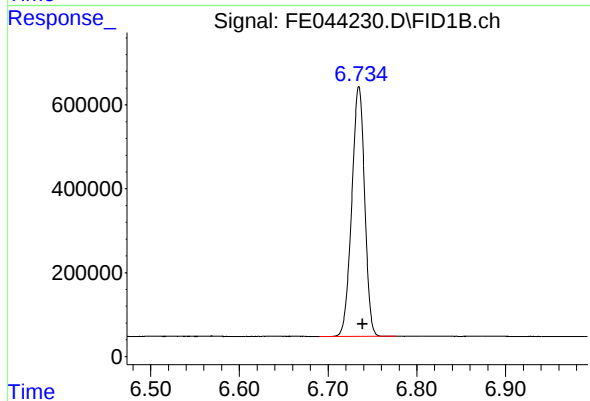
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 5292388
Conc: 31.84 ug/ml



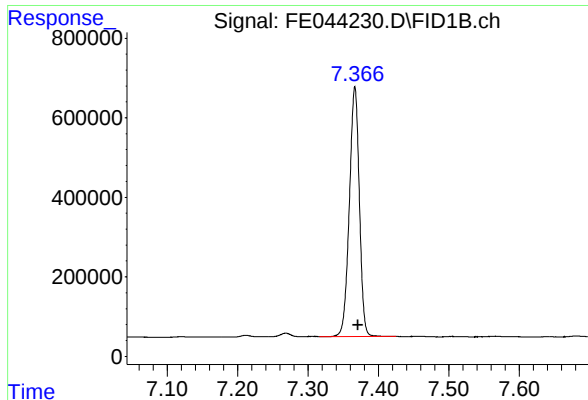
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 6016539
Conc: 33.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 6019018
Conc: 35.79 ug/ml



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

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 6199986
Conc: 36.17 ug/ml

Instrument :

FID_E

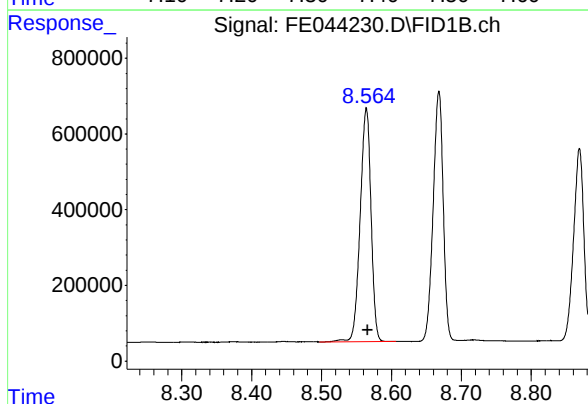
ClientSampleId :

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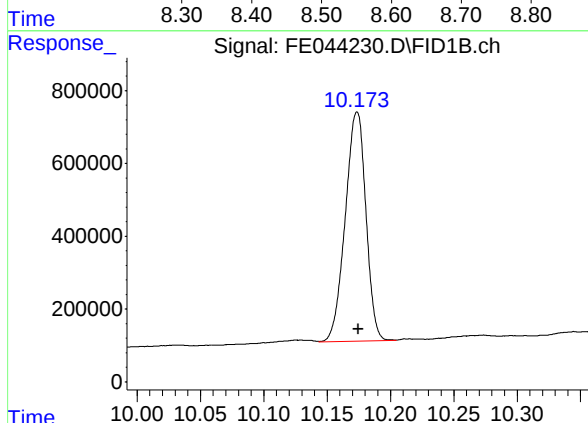
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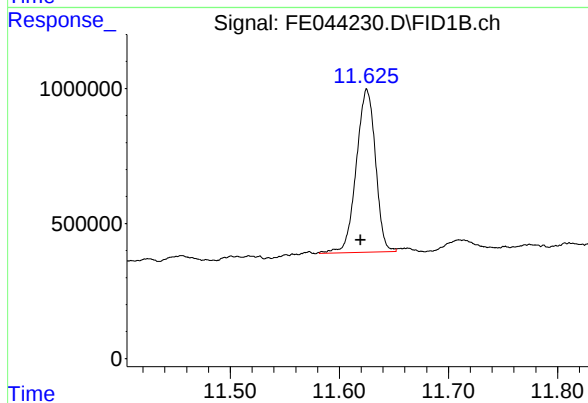
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 6645983
Conc: 39.63 ug/ml



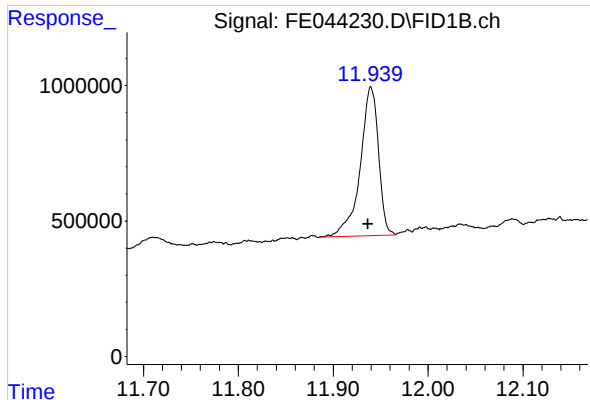
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.002 min
Response: 7149816
Conc: 41.37 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: 0.005 min
Response: 7380231
Conc: 42.40 ug/ml m



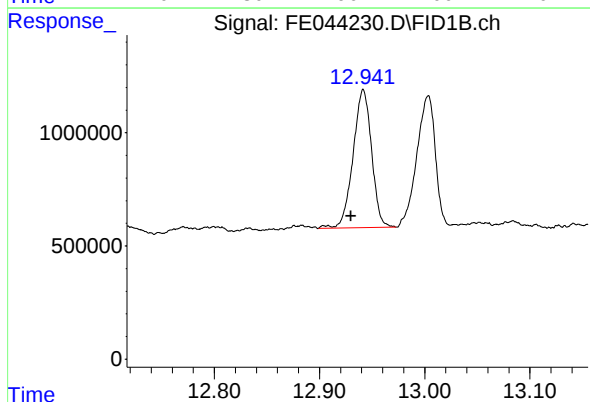
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.003 min
Response: 7316281
Conc: 38.62 ug/ml

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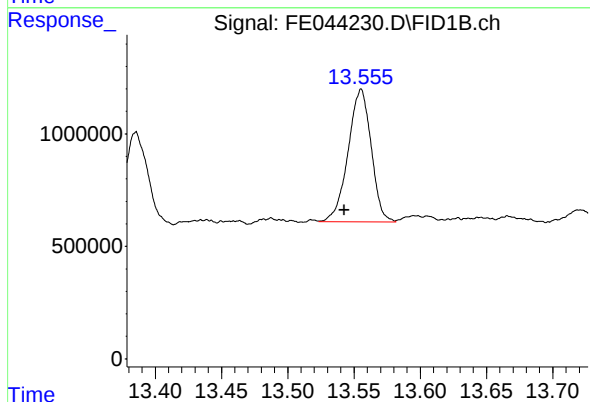
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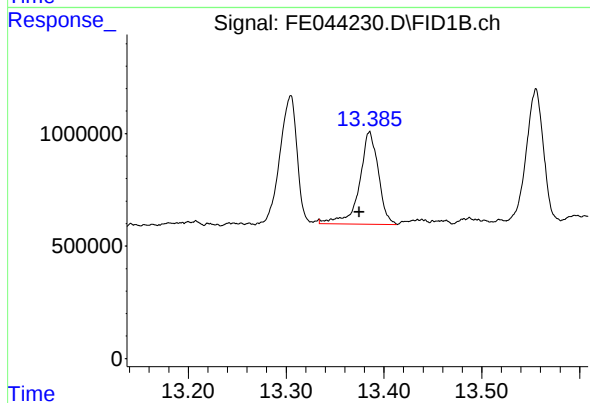
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.011 min
Response: 7449871
Conc: 45.04 ug/ml m



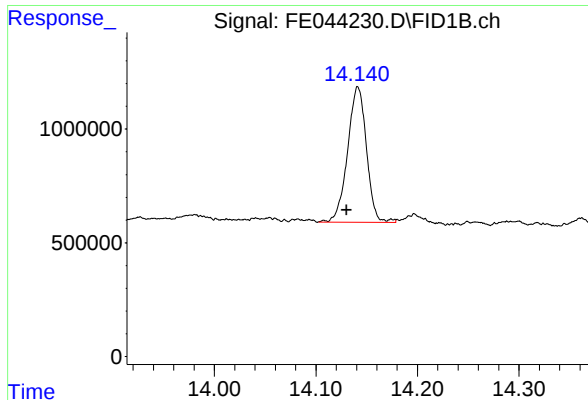
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.012 min
Response: 7150562
Conc: 44.21 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.010 min
Response: 5518457
Conc: 39.95 ug/ml m



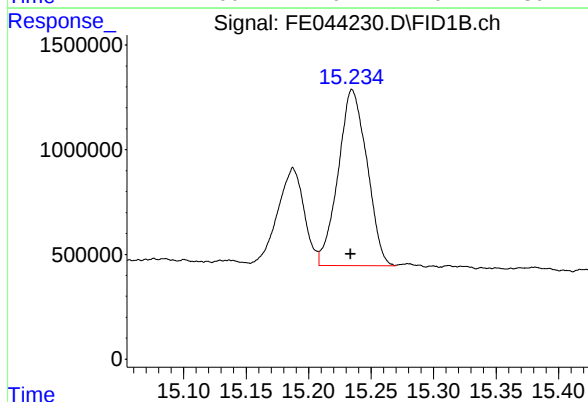
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: 0.010 min
Response: 7698198
Conc: 48.19 ug/ml

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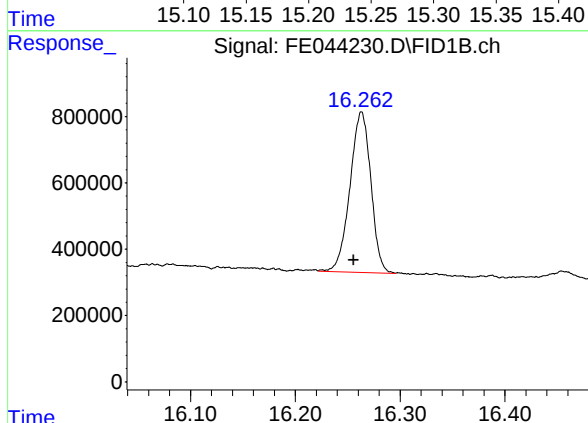
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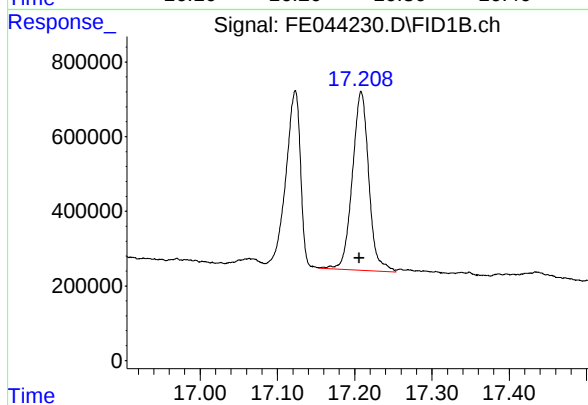
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 13459406
Conc: 86.07 ug/ml m



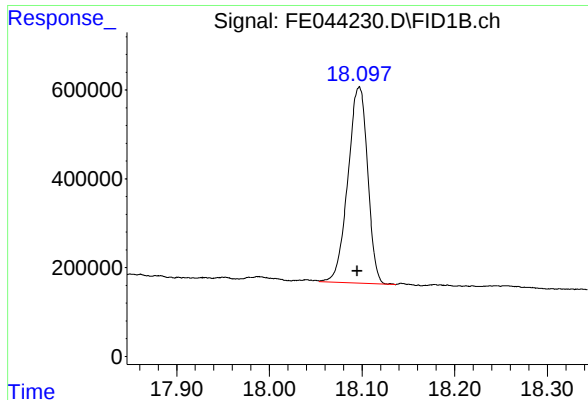
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.007 min
Response: 6726975
Conc: 44.62 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.002 min
Response: 7068689
Conc: 48.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.002 min
Response: 6521754
Conc: 44.89 ug/ml

Instrument :

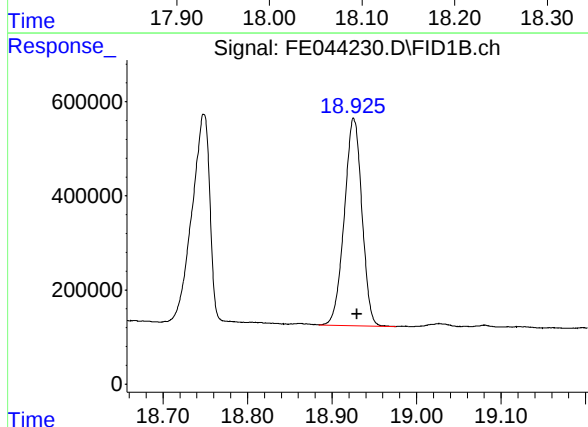
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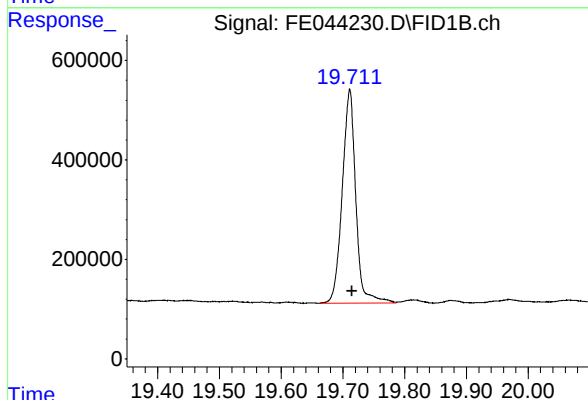
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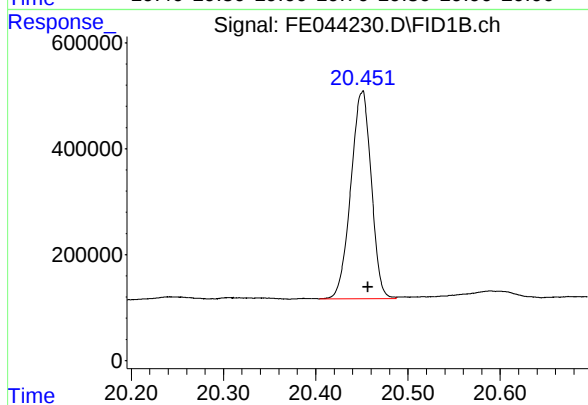
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.004 min
Response: 6379297
Conc: 44.78 ug/ml



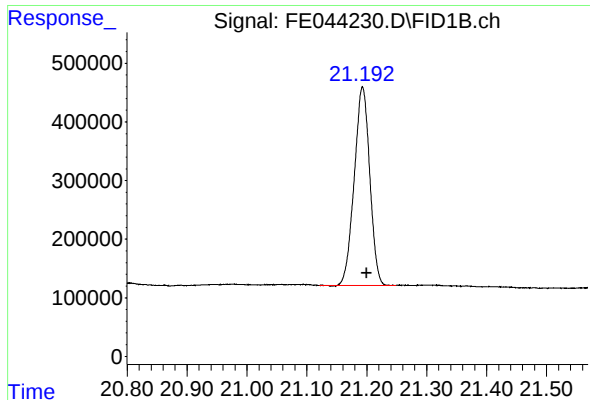
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.003 min
Response: 6556795
Conc: 46.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.006 min
Response: 6017634
Conc: 43.89 ug/ml



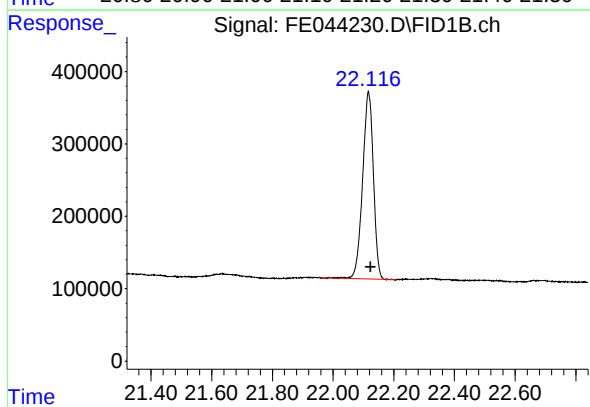
#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.007 min
Response: 6081405
Conc: 43.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.008 min
Response: 6389631
Conc: 46.21 ug/ml