

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046119.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 14:41
 Operator : YP\AJ
 Sample : PB158315BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158315BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2024
 Supervised By :Ankita Jodhani 01/10/2024

Integration File: autoint1.e
 Quant Time: Jan 10 02:37:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.837	7498227	41.261 ug/ml
Spiked Amount 50.000		Recovery =	82.52%
12) S 1-chlorooctadecane (S...	13.279	5979983	44.757 ug/ml
Spiked Amount 50.000		Recovery =	89.51%
Target Compounds			
1) T n-Nonane (C9)	3.230	4997292	32.652 ug/ml
2) T n-Decane (C10)	4.476	5158841	33.241 ug/ml
3) T A~Naphthalene (C11.7)	6.176	6411983	38.555 ug/ml
4) T n-Dodecane (C12)	6.640	5951264	38.116 ug/ml
5) T A~2-methylnaphthalene...	7.271	6688038	42.007 ug/ml
6) T n-Tetradecane (C14)	8.468	6557719	42.098 ug/ml
7) T n-Hexadecane (C16)	10.076	6734936	42.530 ug/ml
8) T n-Octadecane (C18)	11.522	6826959	43.375 ug/ml
10) T n-Eicosane (C20)	12.835	6821096	45.090 ug/ml
11) T n-Heneicosane (C21)	13.447	6518806	44.330 ug/ml
13) T n-Docosane (C22)	14.034	6445773	44.097 ug/ml
14) T n-Tetracosane (C24)	15.139	14352209	98.958 ug/ml
15) T n-Hexacosane (C26)	16.165	6105078	42.583 ug/ml
16) T n-Octacosane (C28)	17.117	7483645	52.180 ug/mlm
17) T n-Tricontane (C30)	18.011	5966966	40.145 ug/ml
18) T n-Dotriacontane (C32)	18.842	6516463	43.570 ug/mlm
19) T n-Tetratriacontane (C34)	19.630	5913101	41.276 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5818116	39.905 ug/ml
21) T n-Octatriacontane (C38)	21.105	6287061	42.636 ug/ml
22) T n-Tetracontane (C40)	22.008	6338407	40.494 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 09 Jan 2024 14:41
Operator : YP\AJ
Sample : PB158315BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

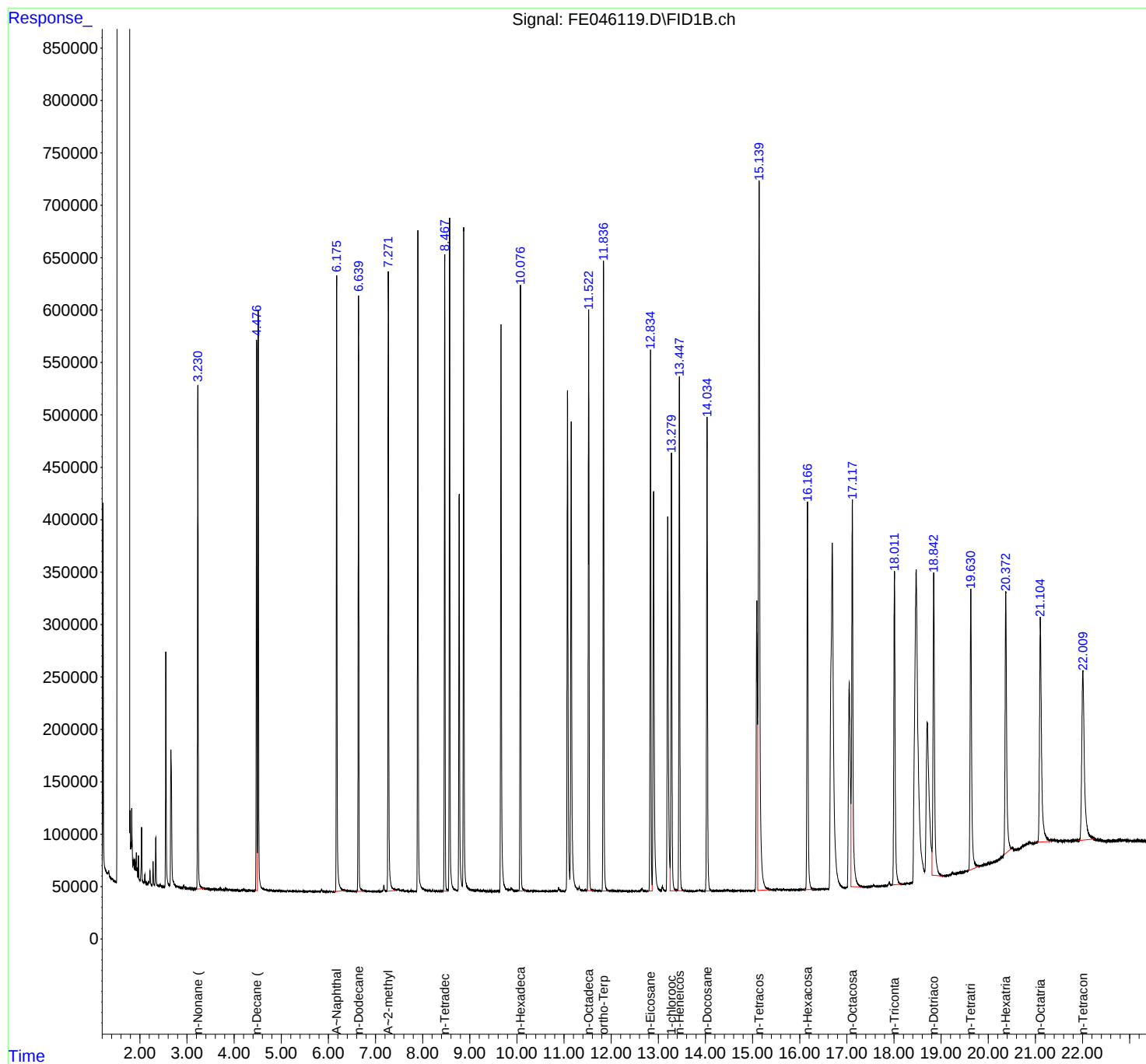
Instrument :
FID_E
ClientSampleId :
PB158315BSD

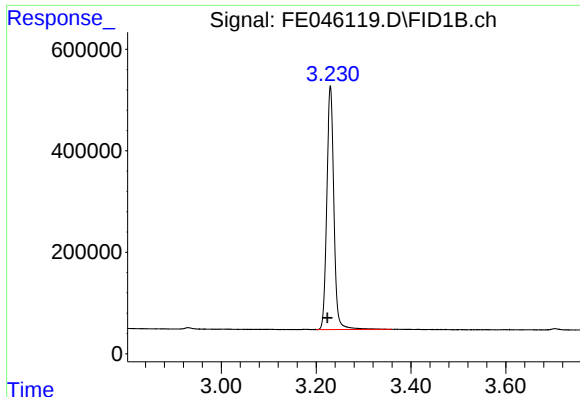
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 4997292
Conc: 32.65 ug/ml

Instrument :

FID_E

ClientSampleId :

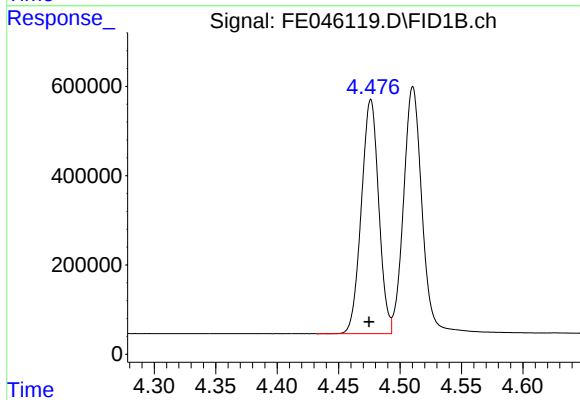
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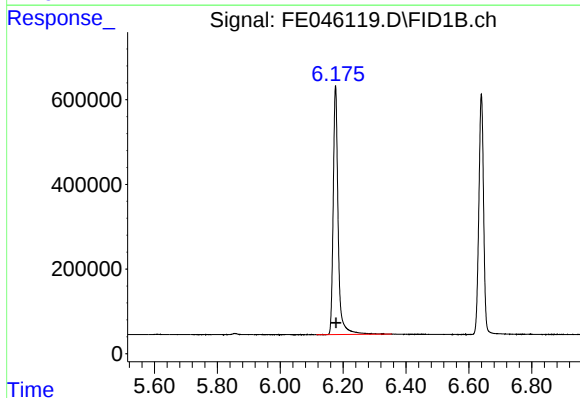
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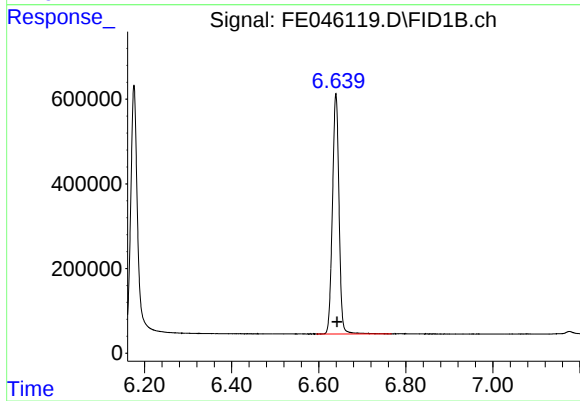
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.002 min
Response: 5158841
Conc: 33.24 ug/ml



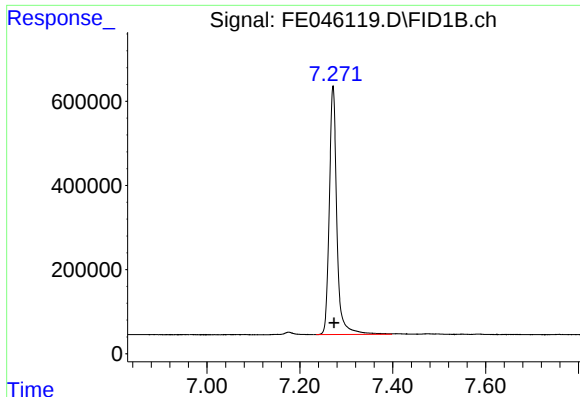
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 6411983
Conc: 38.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 5951264
Conc: 38.12 ug/ml



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

R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 6688038
Conc: 42.01 ug/ml

Instrument :

FID_E

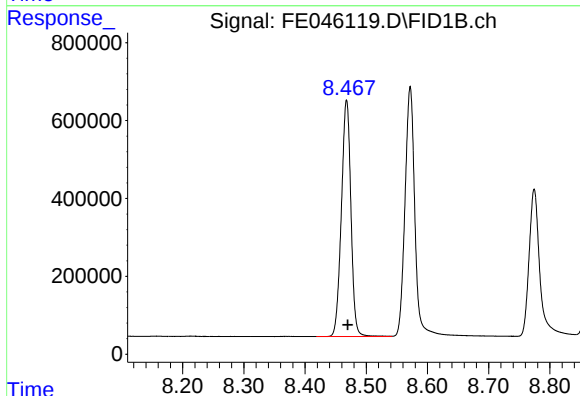
ClientSampleId :

PB158315BSD

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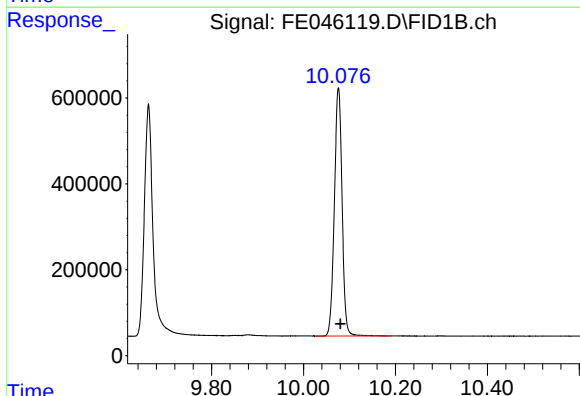
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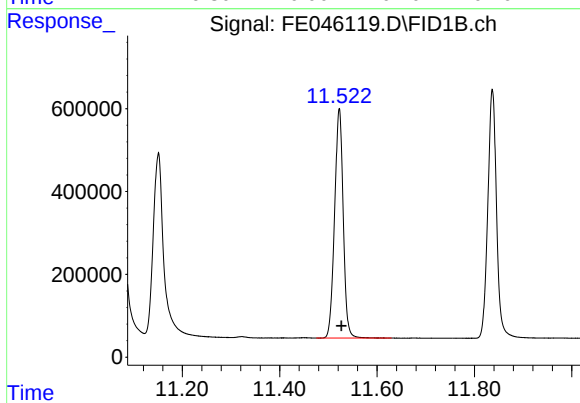
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 6557719
Conc: 42.10 ug/ml



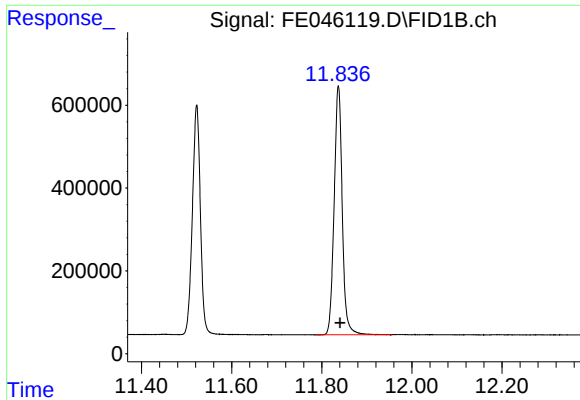
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.004 min
Response: 6734936
Conc: 42.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.004 min
Response: 6826959
Conc: 43.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.003 min
Response: 7498227
Conc: 41.26 ug/ml

Instrument :

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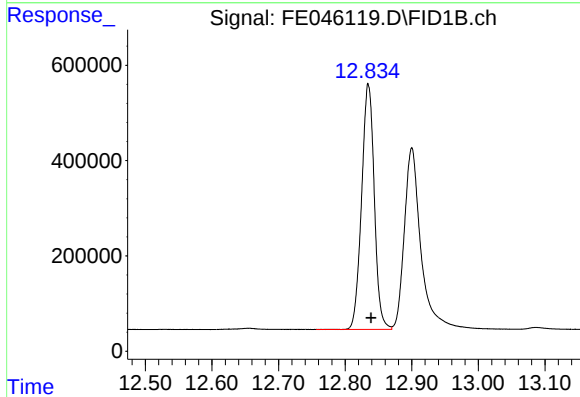
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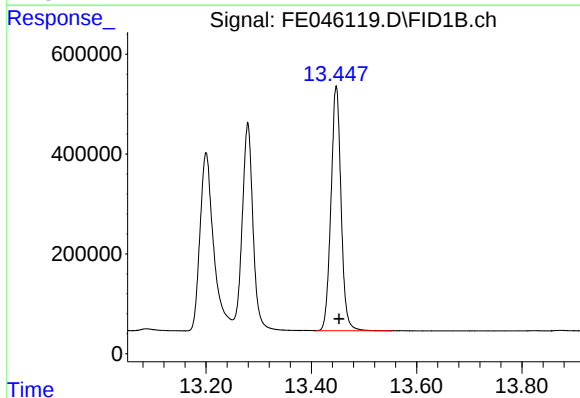
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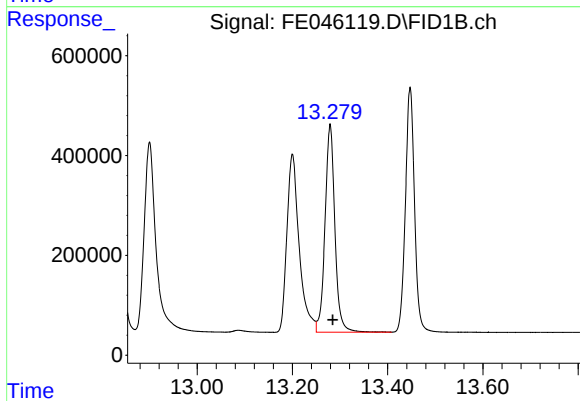
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.004 min
Response: 6821096
Conc: 45.09 ug/ml



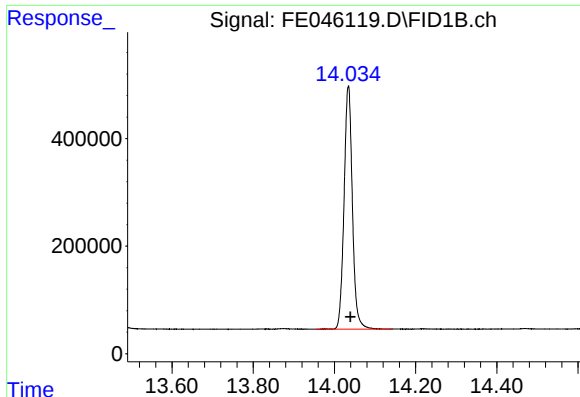
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.005 min
Response: 6518806
Conc: 44.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.005 min
Response: 5979983
Conc: 44.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.005 min
Response: 6445773
Conc: 44.10 ug/ml

Instrument :

FID_E

ClientSampleId :

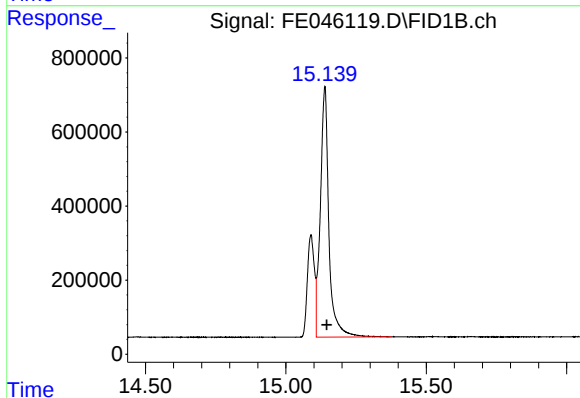
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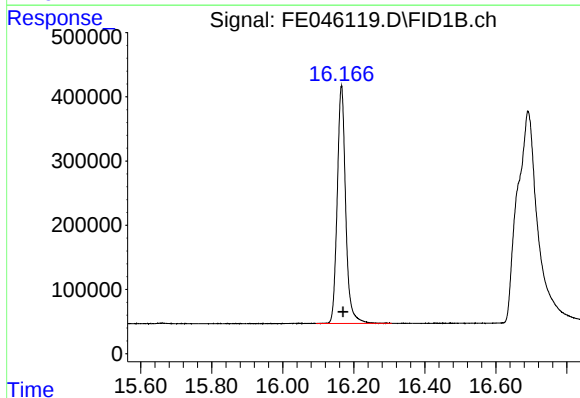
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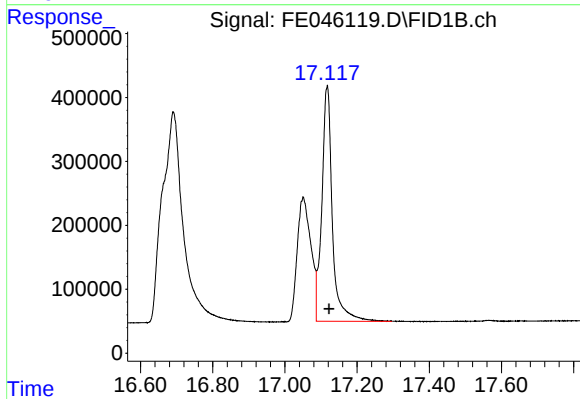
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.006 min
Response: 14352209
Conc: 98.96 ug/ml



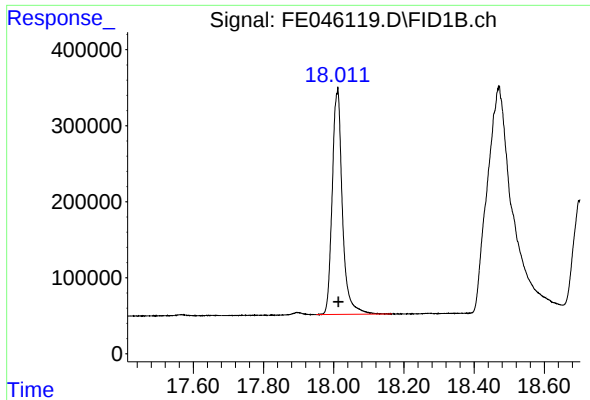
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 6105078
Conc: 42.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.005 min
Response: 7483645
Conc: 52.18 ug/ml m



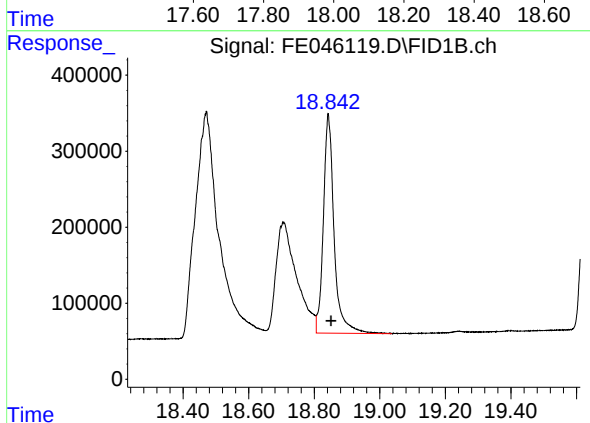
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.003 min
Response: 5966966
Conc: 40.14 ug/ml

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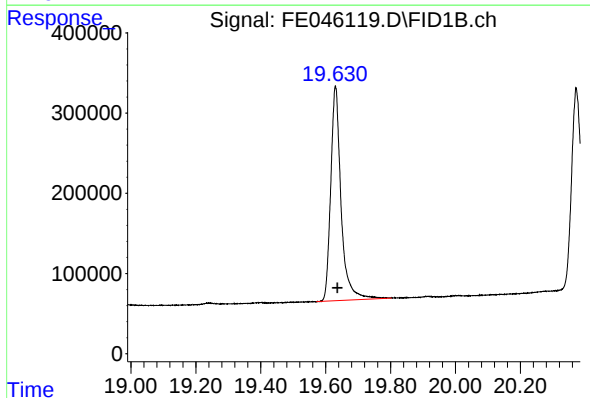
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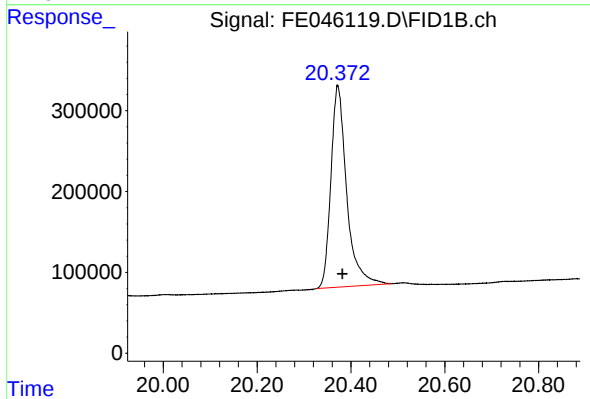
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.010 min
Response: 6516463
Conc: 43.57 ug/ml m



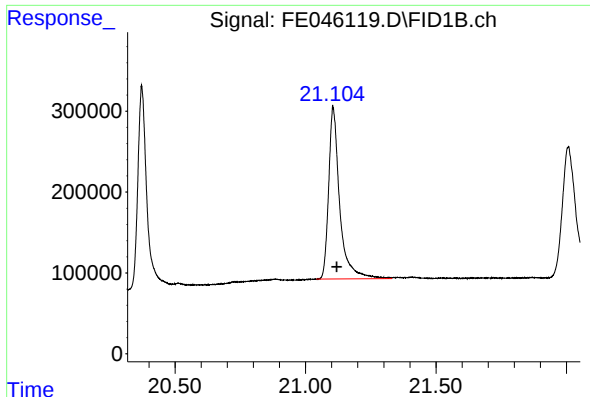
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.007 min
Response: 5913101
Conc: 41.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.010 min
Response: 5818116
Conc: 39.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.015 min
Response: 6287061
Conc: 42.64 ug/ml

Instrument :

FID_E

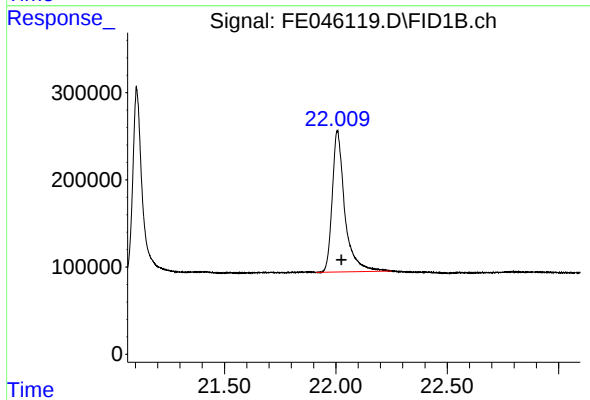
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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.017 min
Response: 6338407
Conc: 40.49 ug/ml